Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX101718\
Data File : VX005385.D
Acq On : 17 Oct 2018 11:18
Operator : JC/MD
Sample : J5538-11
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 9 Sample Multiplier: 1

Instrument : MSVOA_X
ClientSampleId : TKDSLUDGE

Quant Time: Oct 17 16:39:26 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X101218W.M
Quant Title : SW846 8260
QLast Update : Fri Oct 12 11:28:43 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) Pentafluorobenzene	5.67	168	292102	50.00	ug/l		0.00
34) 1,4-Difluorobenzene	6.86	114	389681	50.00	ug/l		0.00
63) Chlorobenzene-d5	10.12	117	353768	50.00	ug/l		0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	180698	50.00	ug/l		0.00
System Monitoring Compounds							
33) 1,2-Dichloroethane-d4	6.07	65	158217	48.80	ug/l		0.00
Spiked Amount 50.000			Recovery = 97.60%				
35) Dibromofluoromethane	5.50	113	129655	50.24	ug/l		0.00
Spiked Amount 50.000			Recovery = 100.48%				
50) Toluene-d8	8.71	98	472466	53.32	ug/l		0.00
Spiked Amount 50.000			Recovery = 106.64%				
62) 4-Bromofluorobenzene	11.14	95	160940	48.35	ug/l		0.00
Spiked Amount 50.000			Recovery = 96.70%				
Target Compounds							Qvalue
5) Bromomethane	1.64	94	701	0.95	ug/l	#	76
6) Chloroethane	1.70	64	63	0.36	ug/l	#	44
10) Methyl Iodide	2.51	142	578	2.68	ug/l	#	83
11) Tert butyl alcohol	3.01	59	3004	3.28	ug/l	#	78
13) Acrolein	2.30	56	87	Below Cal		#	16
16) Acetone	2.45	43	12311	6.57	ug/l		98
20) Methylene Chloride	2.87	84	605	Below Cal		#	74
25) 2-Butanone	4.70	43	1587	0.58	ug/l		93
29) Tetrahydrofuran	5.17	42	1476	0.84	ug/l	#	82
31) Cyclohexane	5.65	56	4992	1.12	ug/l	#	1
36) 1,1-Dichloropropene	5.67	75	19480	5.16	ug/l	#	50
38) Carbon Tetrachloride	5.65	117	25467	6.72	ug/l	#	15
44) Trichloroethene	7.21	130	115	Below Cal			90
49) 1,4-Dioxane	7.77	88	20	0.26	ug/l	#	1
51) 4-Methyl-2-Pentanone	8.65	43	1333	0.30	ug/l		87
67) Ethyl Benzene	10.25	91	15923	1.30	ug/l		99
68) m/p-Xylenes	10.36	106	28590	6.02	ug/l		98
69) o-Xylene	10.70	106	12237	2.67	ug/l		95
70) Styrene	10.71	104	5585	0.74	ug/l	#	73
73) Isopropylbenzene	11.02	105	2510	0.23	ug/l		98
76) 1,2,3-Trichloropropane	11.14	75	78843	22.49	ug/l	#	37
78) n-propylbenzene	11.36	91	6522	0.53	ug/l		97
79) 2-Chlorotoluene	11.43	91	3401	0.45	ug/l	#	44
80) 1,3,5-Trimethylbenzene	11.51	105	5610	0.61	ug/l		96
81) trans-1,4-Dichloro-2-buten	11.14	75	78843	68.35	ug/l	#	10
84) 1,2,4-Trimethylbenzene	11.80	105	15343	1.62	ug/l		97
95) Naphthalene	13.83	128	3260	0.26	ug/l		96

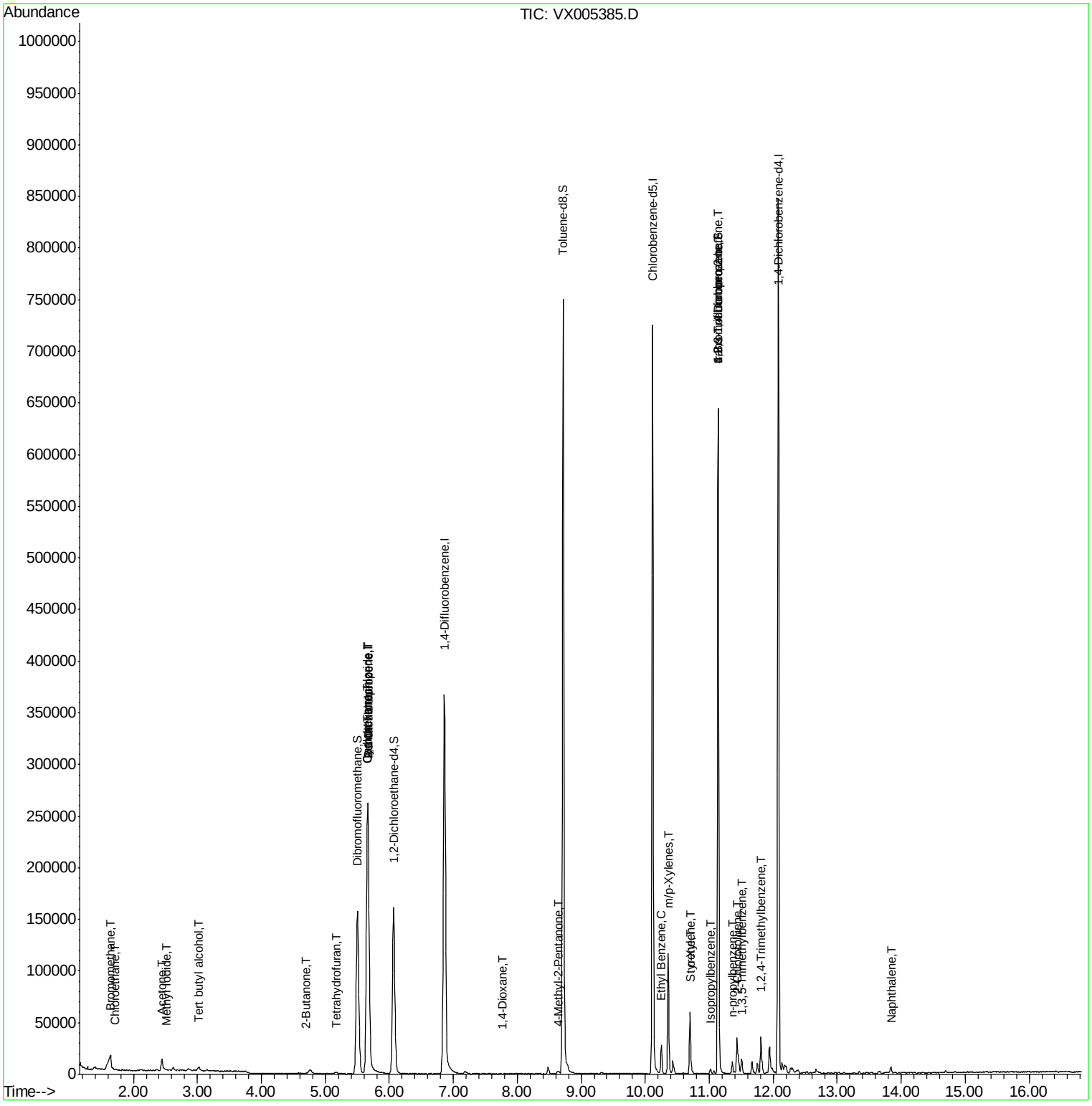
(#) = qualifier out of range (m) = manual integration (+) = signals summed

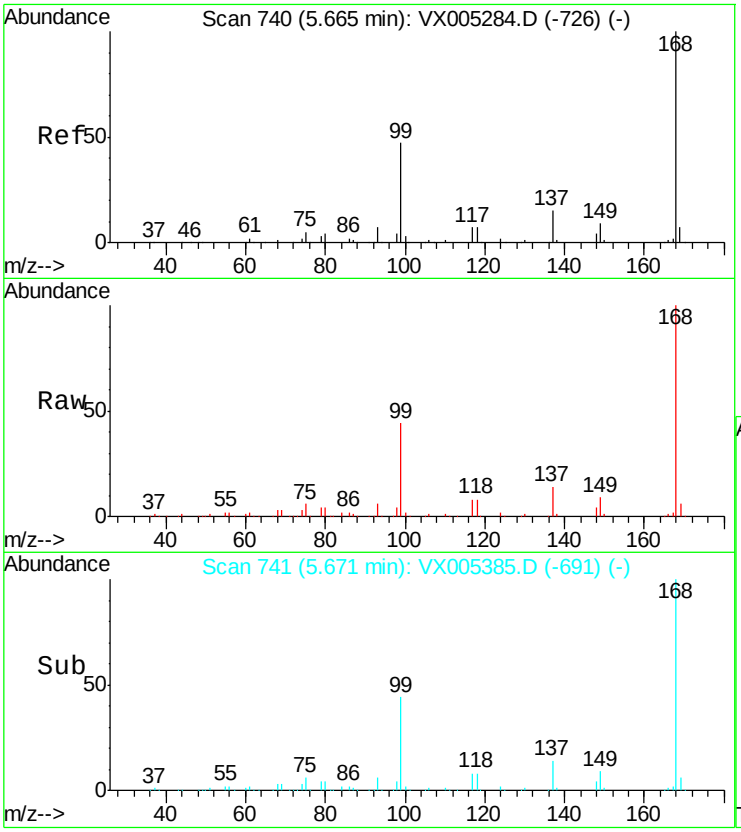
Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX101718\
Data File : VX005385.D
Acq On : 17 Oct 2018 11:18
Operator : JC/MD
Sample : J5538-11
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 9 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
TKDSLUDGE

Quant Time: Oct 17 16:39:26 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X101218W.M
Quant Title : SW846 8260
QLast Update : Fri Oct 12 11:28:43 2018
Response via : Initial Calibration



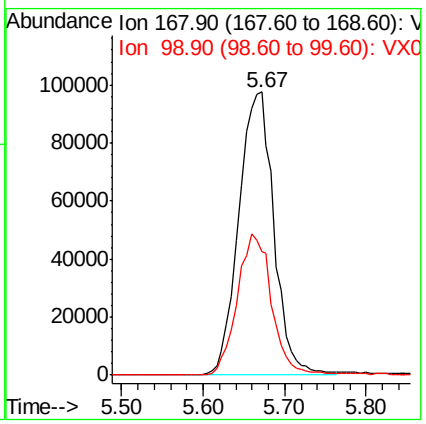


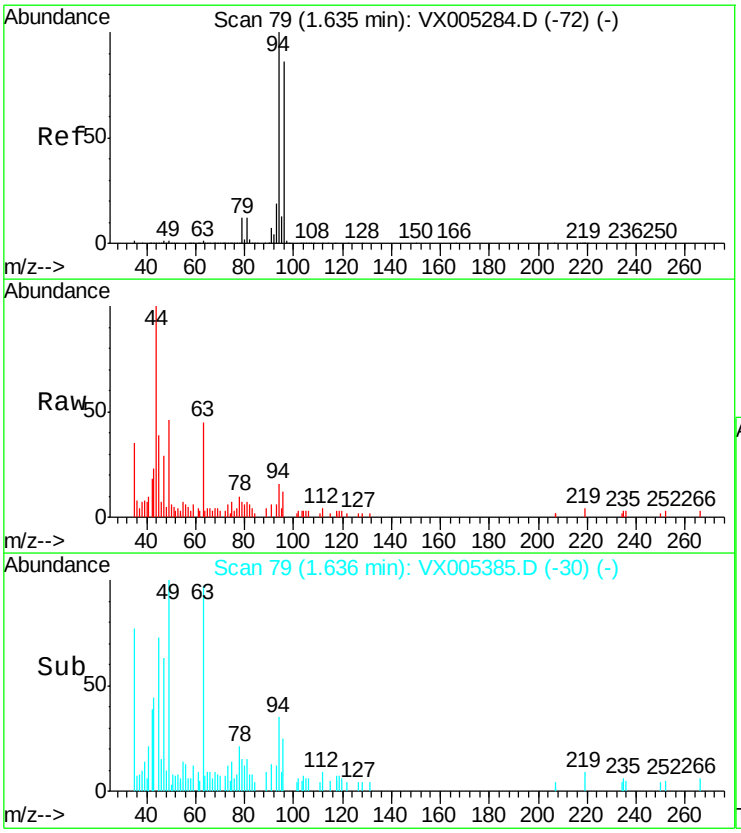
#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 5.67 min Scan# 741
Delta R.T. 0.01 min
Lab File: VX005385.D
Acq: 17 Oct 2018 11:18

Instrument :
MSVOA_X
ClientSampleId :
TKDSLUDGE

Tgt Ion:168 Resp: 292102

Ion	Ratio	Lower	Upper
168	100		
99	43.8	39.9	59.9

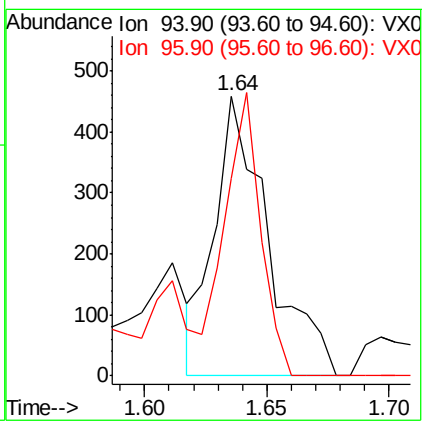


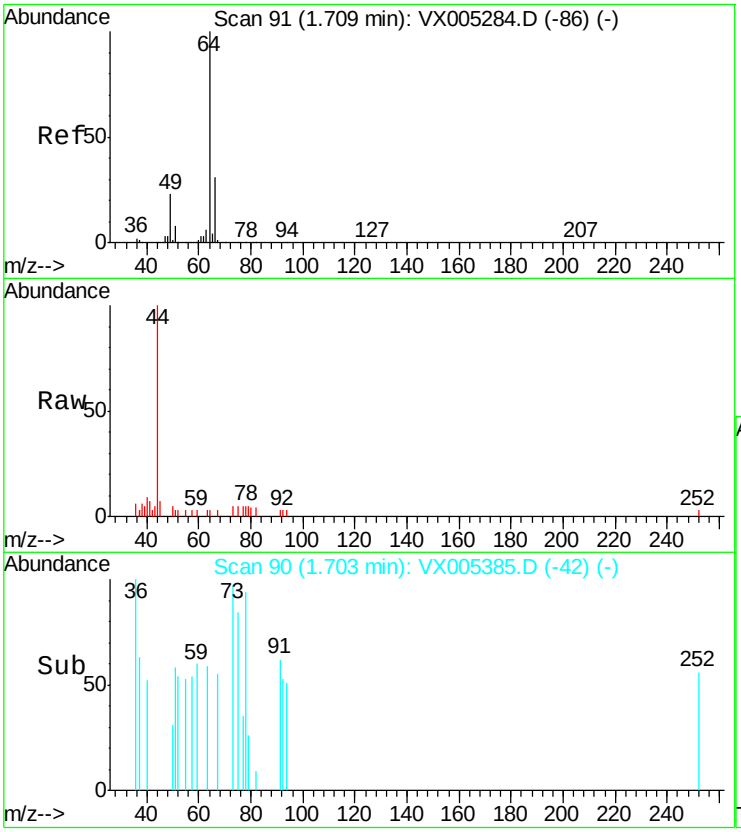


#5
Bromomethane
Concen: 0.95 ug/l
RT: 1.64 min Scan# 79
Delta R.T. 0.00 min
Lab File: VX005385.D
Acq: 17 Oct 2018 11:18

Tgt Ion: 94 Resp: 701

Ion	Ratio	Lower	Upper
94	100		
96	70.4	74.5	111.7#



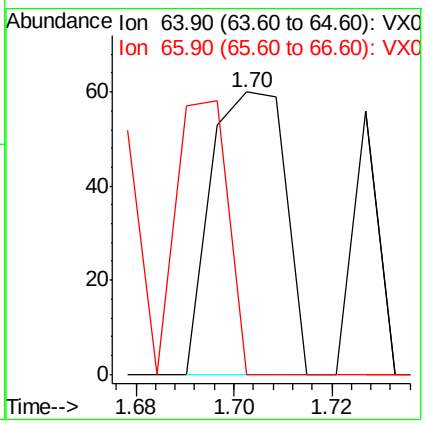


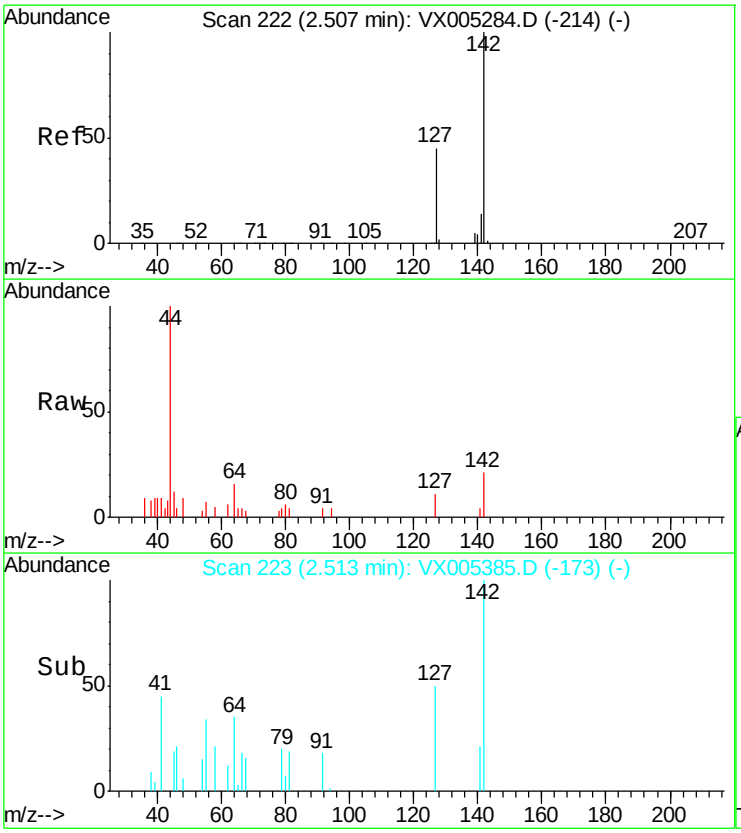
#6
Chloroethane
Concen: 0.36 ug/l
RT: 1.70 min Scan# 90
Delta R.T. -0.01 min
Lab File: VX005385.D
Acq: 17 Oct 2018 11:18

Instrument :
MSVOA_X
ClientSampleId :
TKDSLUDGE

Tgt Ion: 64 Resp: 63

Ion	Ratio	Lower	Upper
64	100		
66	0.0	24.6	36.8#

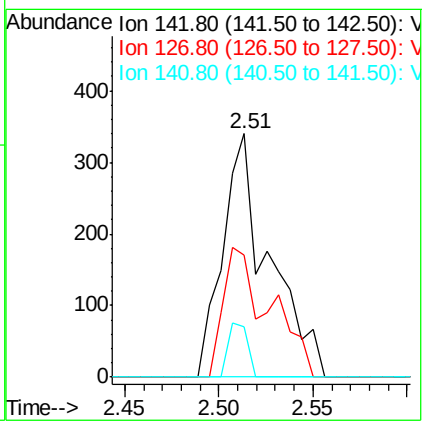


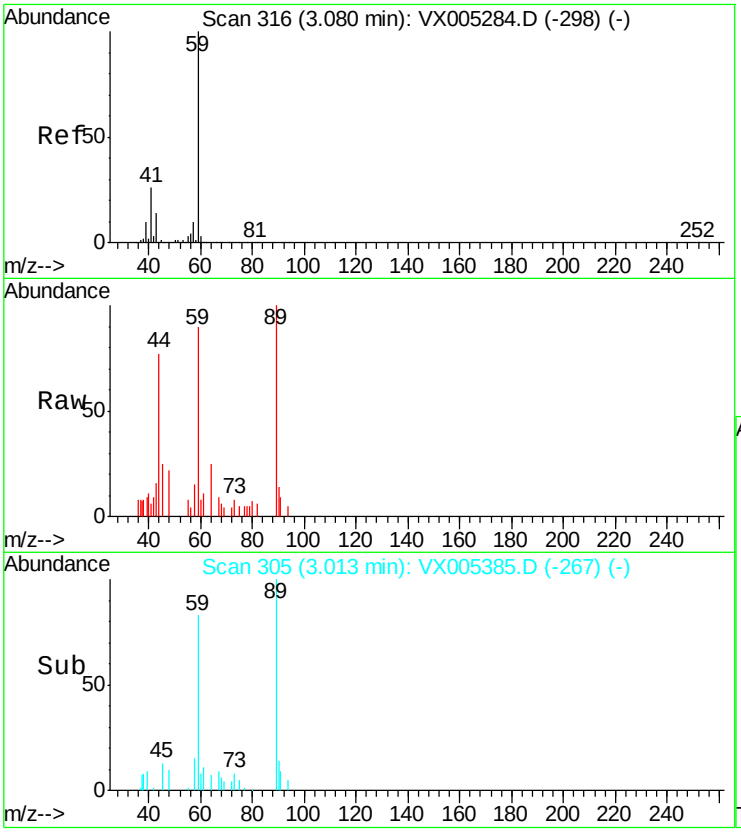


#10
Methyl Iodide
Concen: 2.68 ug/l
RT: 2.51 min Scan# 223
Delta R.T. 0.01 min
Lab File: VX005385.D
Acq: 17 Oct 2018 11:18

Tgt Ion:142 Resp: 578

Ion	Ratio	Lower	Upper
142	100		
127	53.8	33.8	50.6#
141	9.2	11.4	17.0#



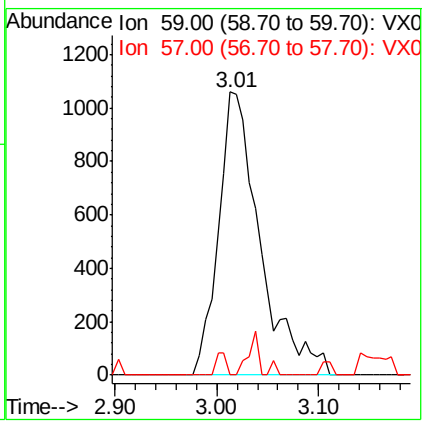


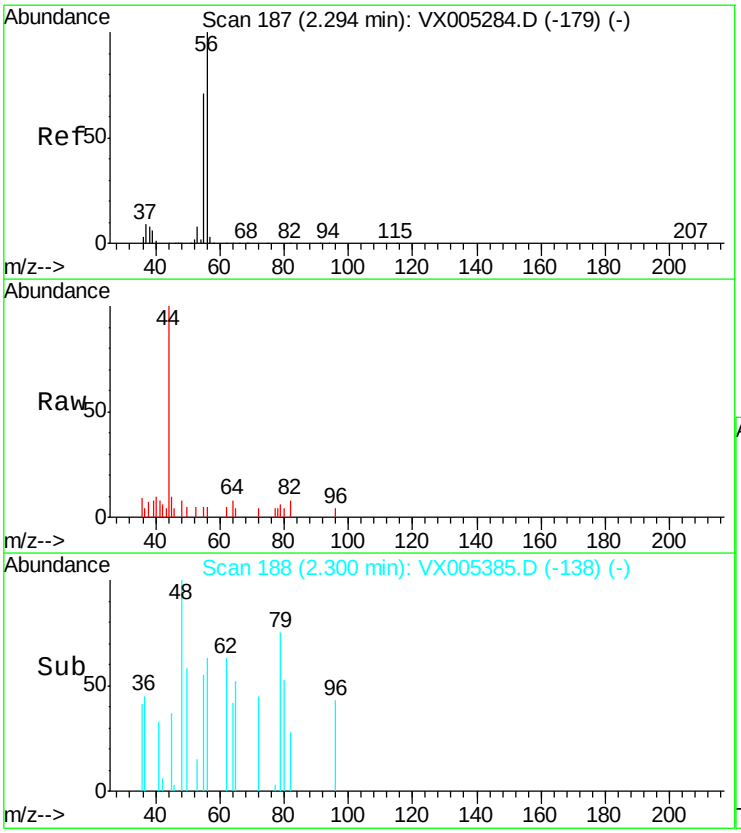
#11
Tert butyl alcohol
Concen: 3.28 ug/l
RT: 3.01 min Scan# 305
Delta R.T. -0.07 min
Lab File: VX005385.D
Acq: 17 Oct 2018 11:18

Instrument :
MSVOA_X
ClientSampleId :
TKDSLUDGE

Tgt Ion: 59 Resp: 3004

Ion	Ratio	Lower	Upper
59	100		
57	2.0	8.2	12.4#

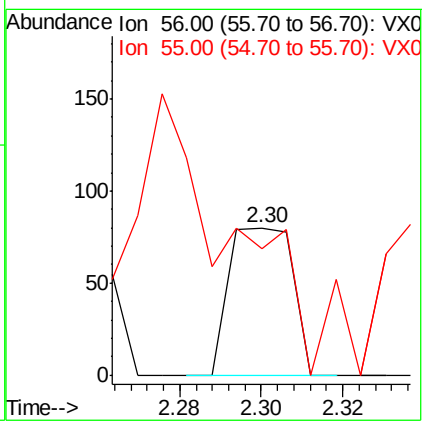


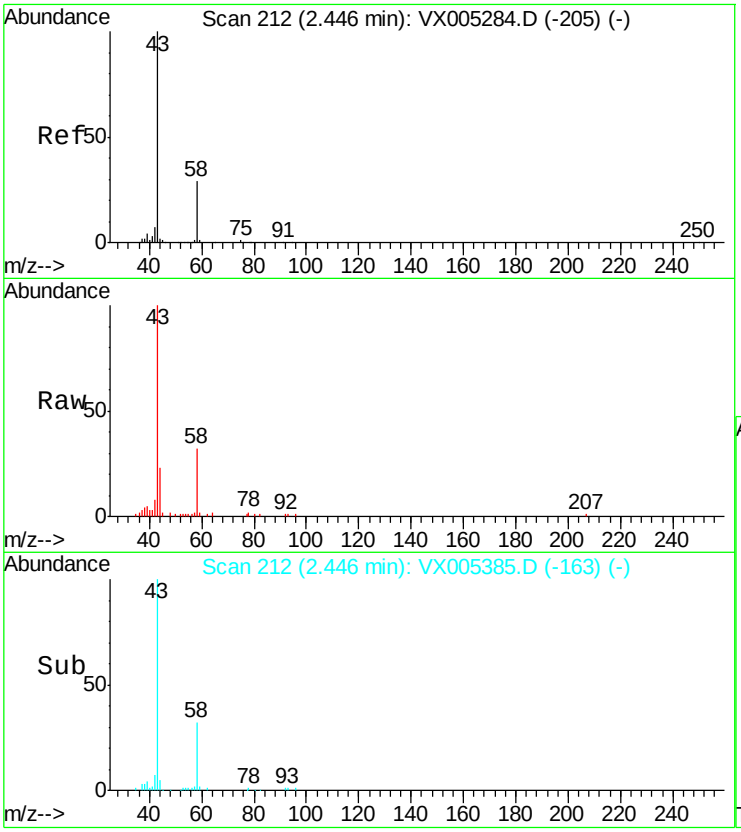


#13
Acrolein
Concen: Below Cal
RT: 2.30 min Scan# 188
Delta R.T. 0.01 min
Lab File: VX005385.D
Acq: 17 Oct 2018 11:18

Tgt Ion: 56 Resp: 87

Ion	Ratio	Lower	Upper
56	100		
55	0.0	54.7	82.1#



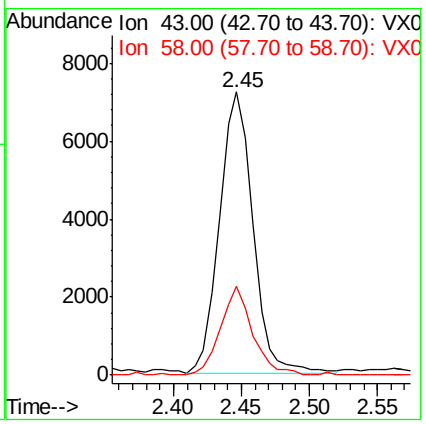


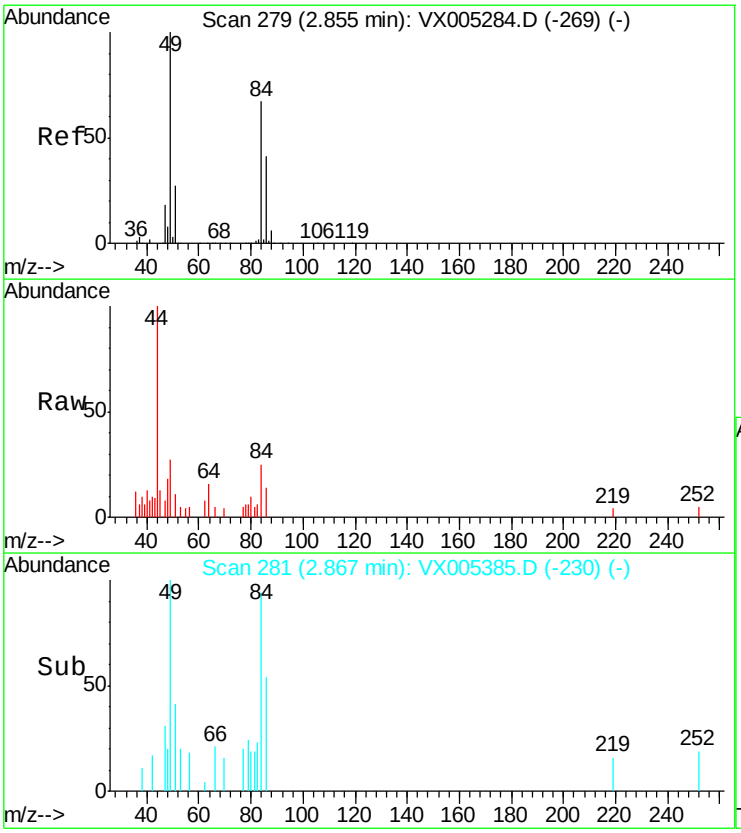
#16
Acetone
Concen: 6.57 ug/l
RT: 2.45 min Scan# 212
Delta R.T. 0.00 min
Lab File: VX005385.D
Acq: 17 Oct 2018 11:18

Instrument :
MSVOA_X
ClientSampleId :
TKDSLUDGE

Tgt Ion: 43 Resp: 12311

Ion	Ratio	Lower	Upper
43	100		
58	31.8	26.2	39.4

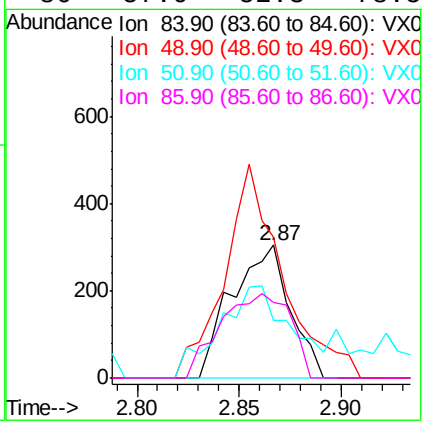


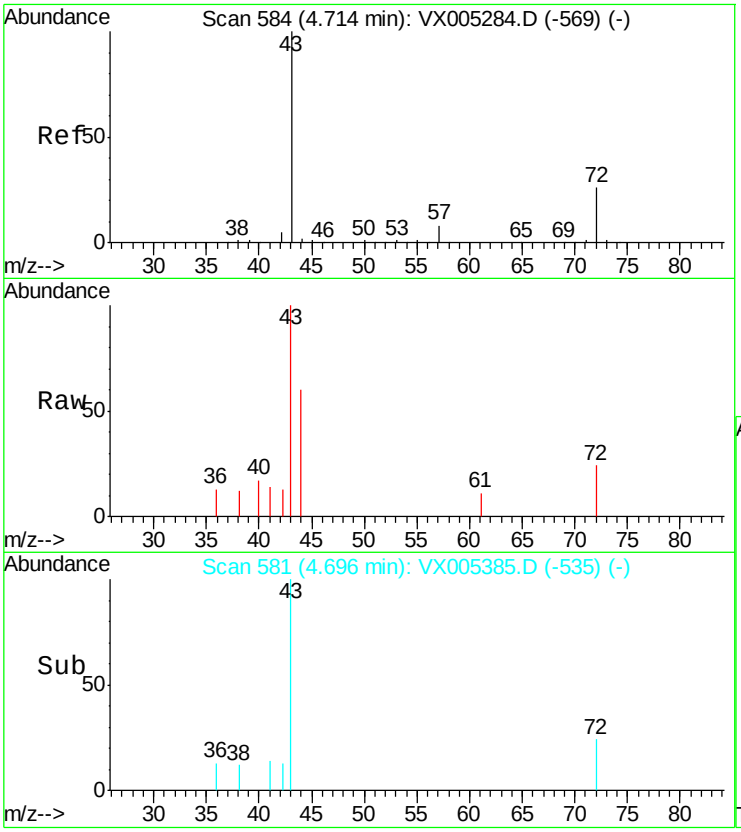


#20
Methylene Chloride
Concen: Below Cal
RT: 2.87 min Scan# 281
Delta R.T. 0.01 min
Lab File: VX005385.D
Acq: 17 Oct 2018 11:18

Tgt Ion: 84 Resp: 605

Ion	Ratio	Lower	Upper
84	100		
49	87.2	101.2	151.8#
51	20.3	29.5	44.3#
86	57.0	52.3	78.5



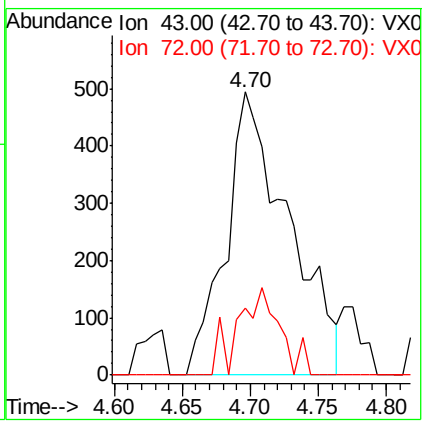


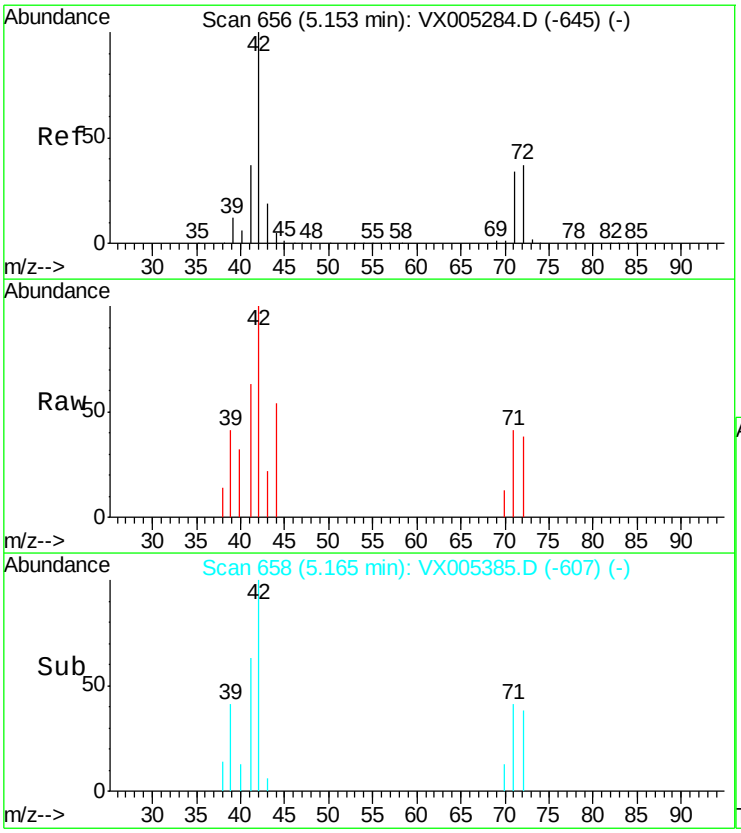
#25
2-Butanone
Concen: 0.58 ug/l
RT: 4.70 min Scan# 581
Delta R.T. -0.02 min
Lab File: VX005385.D
Acq: 17 Oct 2018 11:18

Instrument :
MSVOA_X
ClientSampleId :
TKDSLUDGE

Tgt Ion: 43 Resp: 1587

Ion	Ratio	Lower	Upper
43	100		
72	23.7	22.0	33.0

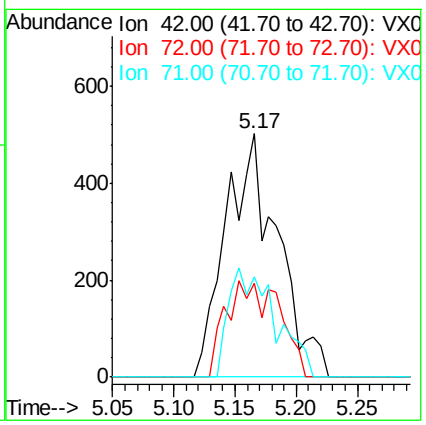


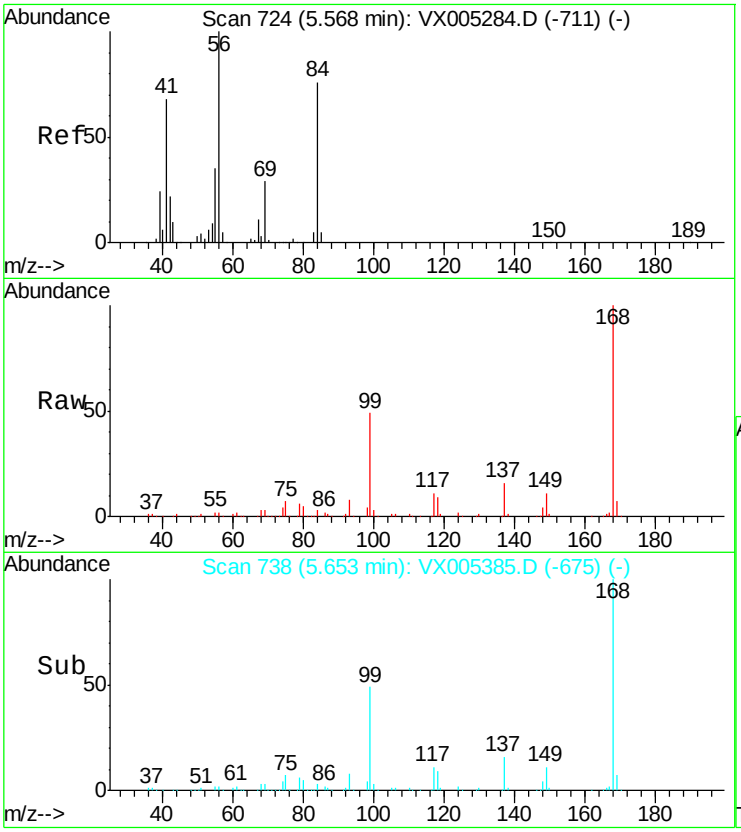


#29
Tetrahydrofuran
Concen: 0.84 ug/l
RT: 5.17 min Scan# 658
Delta R.T. 0.01 min
Lab File: VX005385.D
Acq: 17 Oct 2018 11:18

Tgt Ion: 42 Resp: 1476

Ion	Ratio	Lower	Upper
42	100		
72	25.8	37.4	56.0#
71	40.4	34.5	51.7



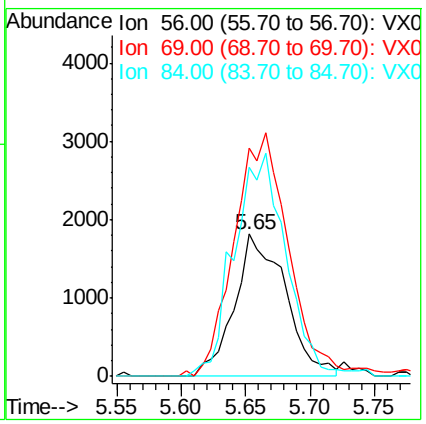


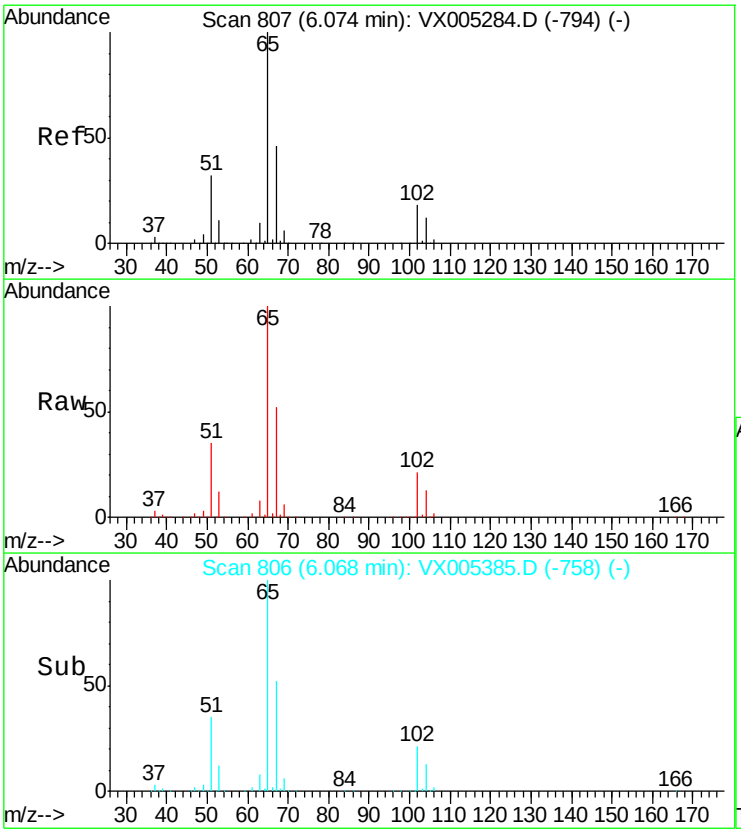
#31
Cyclohexane
Concen: 1.12 ug/l
RT: 5.65 min Scan# 738
Delta R.T. 0.09 min
Lab File: VX005385.D
Acq: 17 Oct 2018 11:18

Instrument : MSVOA_X
ClientSampleId : TKDSLUDGE

Tgt Ion: 56 Resp: 4992

Ion	Ratio	Lower	Upper
56	100		
69	156.9	25.4	38.2#
84	147.0	71.4	107.2#

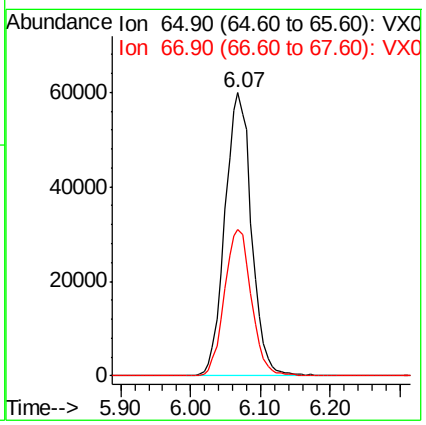


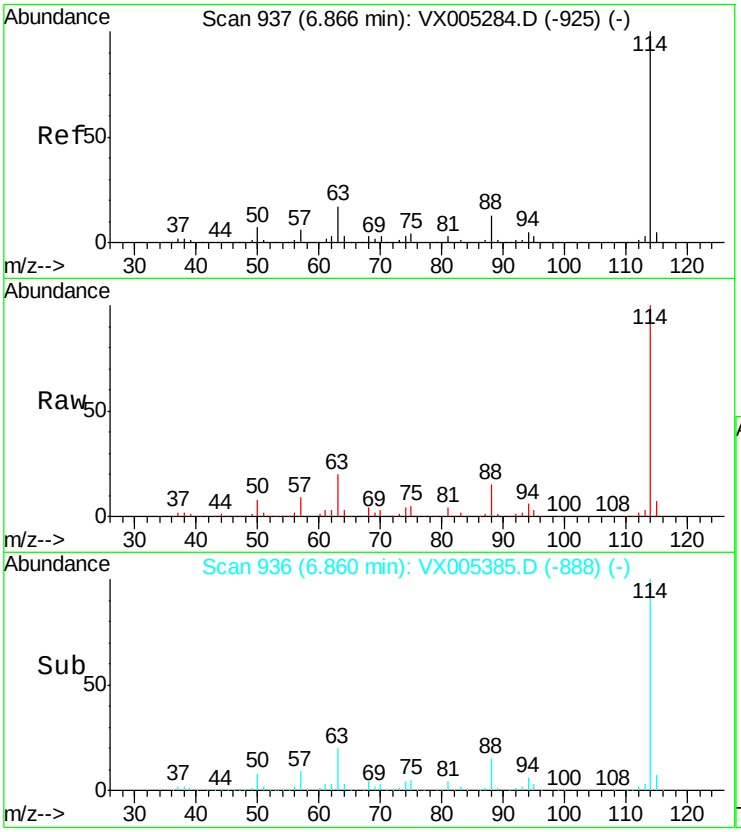


#33
1,2-Dichloroethane-d4
Concen: 48.80 ug/l
RT: 6.07 min Scan# 806
Delta R.T. -0.01 min
Lab File: VX005385.D
Acq: 17 Oct 2018 11:18

Tgt Ion: 65 Resp: 158217

Ion	Ratio	Lower	Upper
65	100		
67	52.4	0.0	106.8



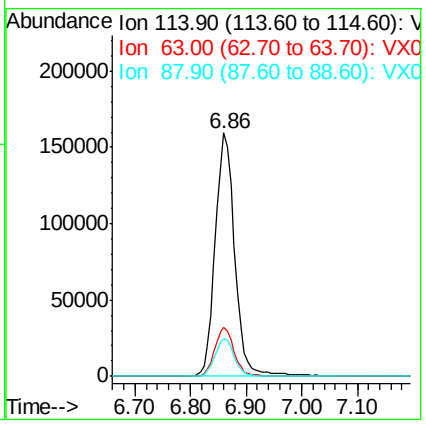


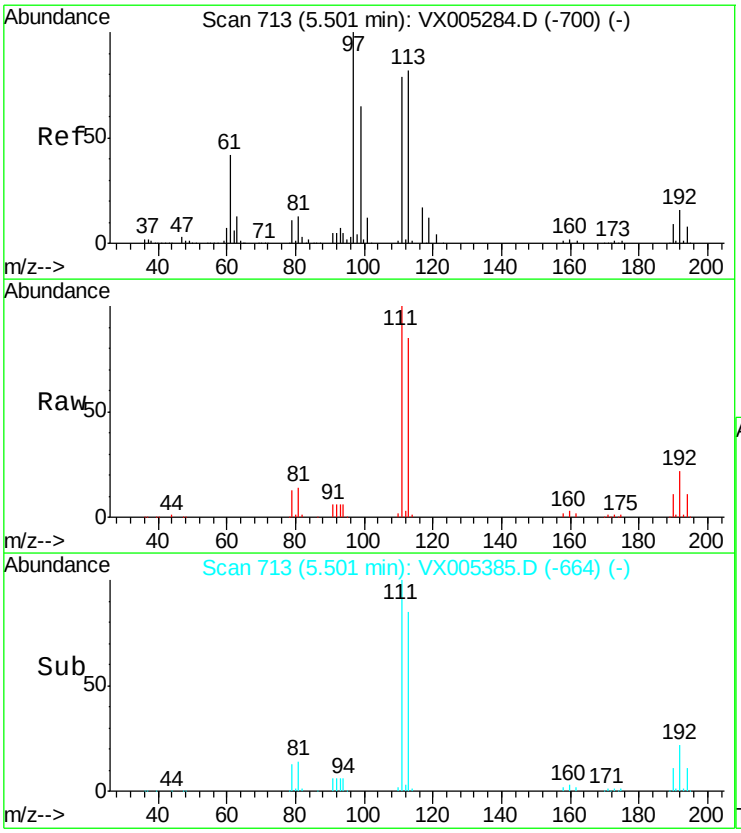
#34
1,4-Difluorobenzene
Concen: 50.00 ug/l
RT: 6.86 min Scan# 936
Delta R.T. -0.01 min
Lab File: VX005385.D
Acq: 17 Oct 2018 11:18

Instrument :
MSVOA_X
ClientSampleId :
TKDSLUDGE

Tgt Ion:114 Resp: 389681

Ion	Ratio	Lower	Upper
114	100		
63	20.1	0.0	39.0
88	15.5	0.0	30.4

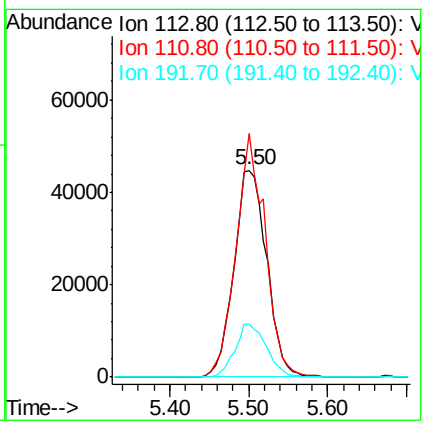


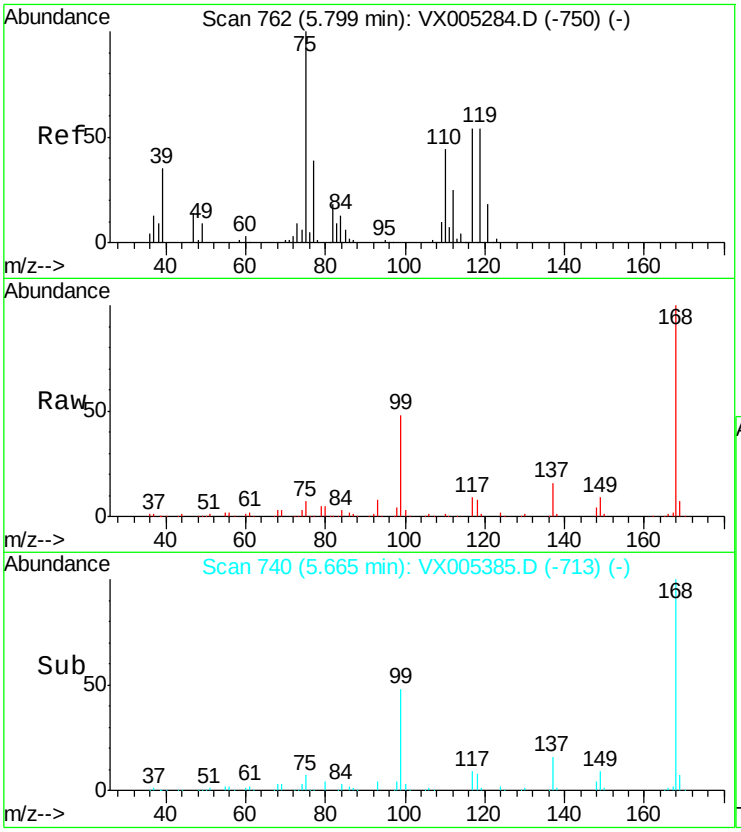


#35
Dibromofluoromethane
Concen: 50.24 ug/l
RT: 5.50 min Scan# 713
Delta R.T. 0.00 min
Lab File: VX005385.D
Acq: 17 Oct 2018 11:18

Tgt Ion:113 Resp: 129655

Ion	Ratio	Lower	Upper
113	100		
111	104.9	82.4	123.6
192	24.8	19.4	29.2



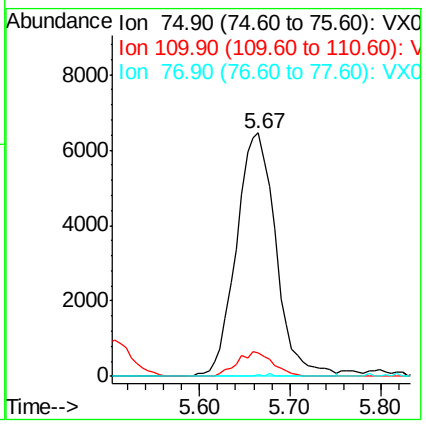


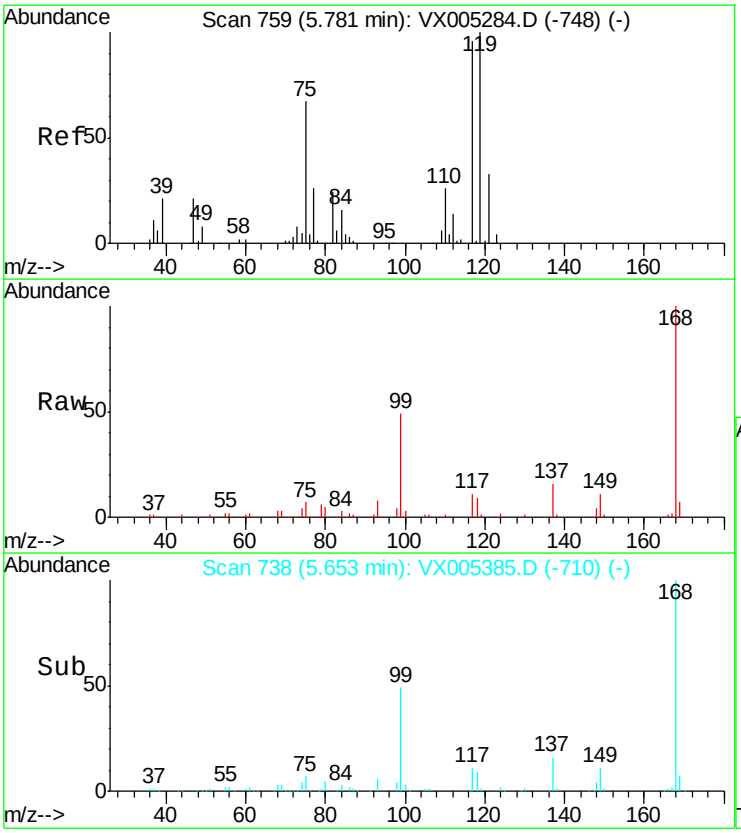
#36
1,1-Dichloropropene
Concen: 5.16 ug/l
RT: 5.67 min Scan# 740
Delta R.T. -0.13 min
Lab File: VX005385.D
Acq: 17 Oct 2018 11:18

Instrument : MSVOA_X
ClientSampleId : TKDSLUDGE

Tgt Ion: 75 Resp: 19480

Ion	Ratio	Lower	Upper
75	100		
110	9.2	18.0	54.0#
77	0.1	24.6	36.8#

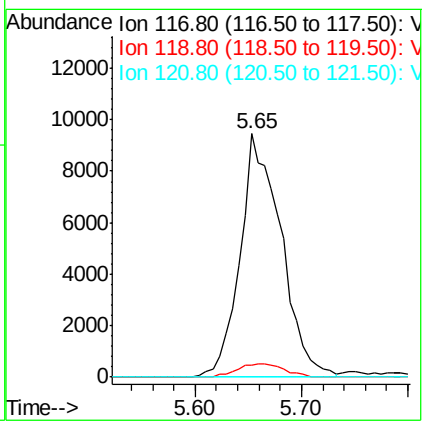


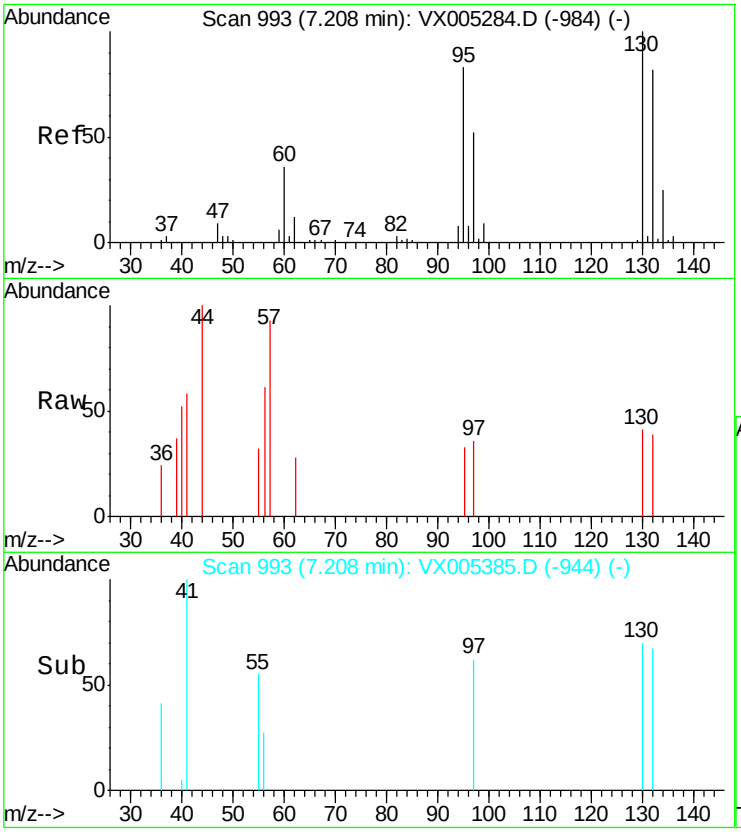


#38
Carbon Tetrachloride
Concen: 6.72 ug/l
RT: 5.65 min Scan# 738
Delta R.T. -0.13 min
Lab File: VX005385.D
Acq: 17 Oct 2018 11:18

Tgt Ion:117 Resp: 25467

Ion	Ratio	Lower	Upper
117	100		
119	4.9	78.8	118.2#
121	0.0	24.9	37.3#



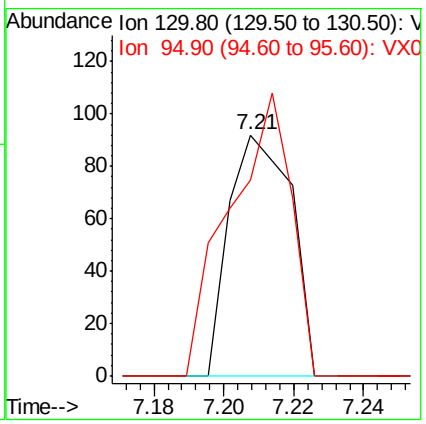


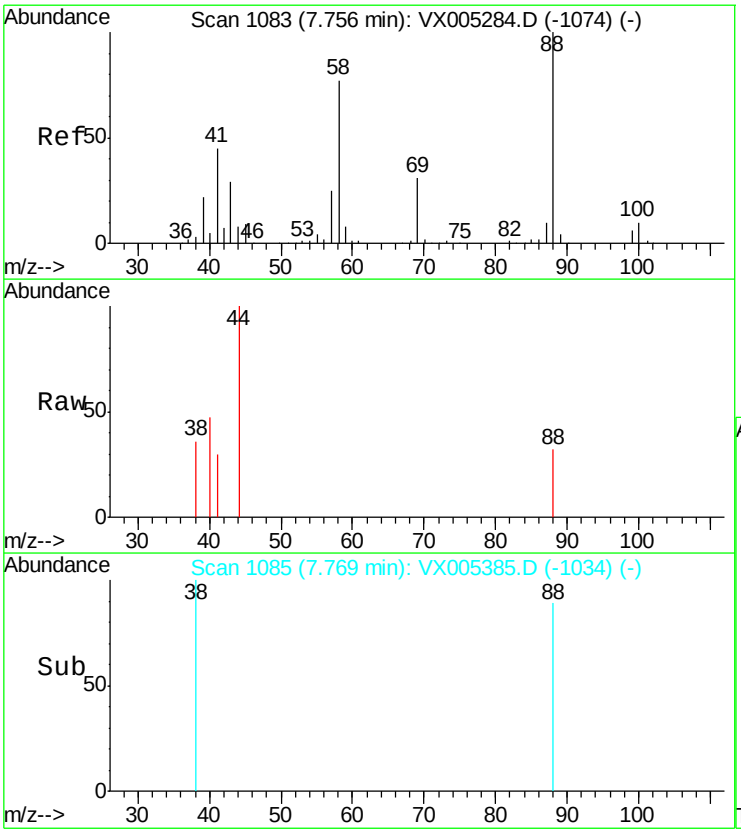
#44
Trichloroethene
Concen: Below Cal
RT: 7.21 min Scan# 993
Delta R.T. 0.00 min
Lab File: VX005385.D
Acq: 17 Oct 2018 11:18

Instrument : MSVOA_X
ClientSampleId : TKDSLUDGE

Tgt Ion:130 Resp: 115

Ion	Ratio	Lower	Upper
130	100		
95	81.5	0.0	181.6

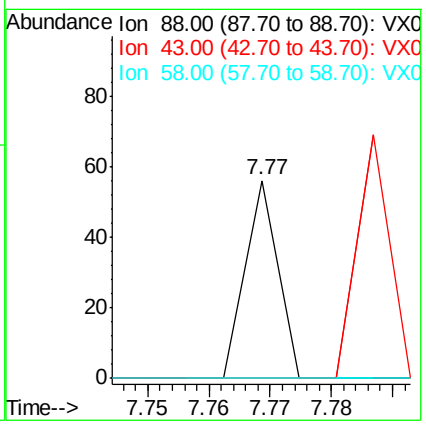


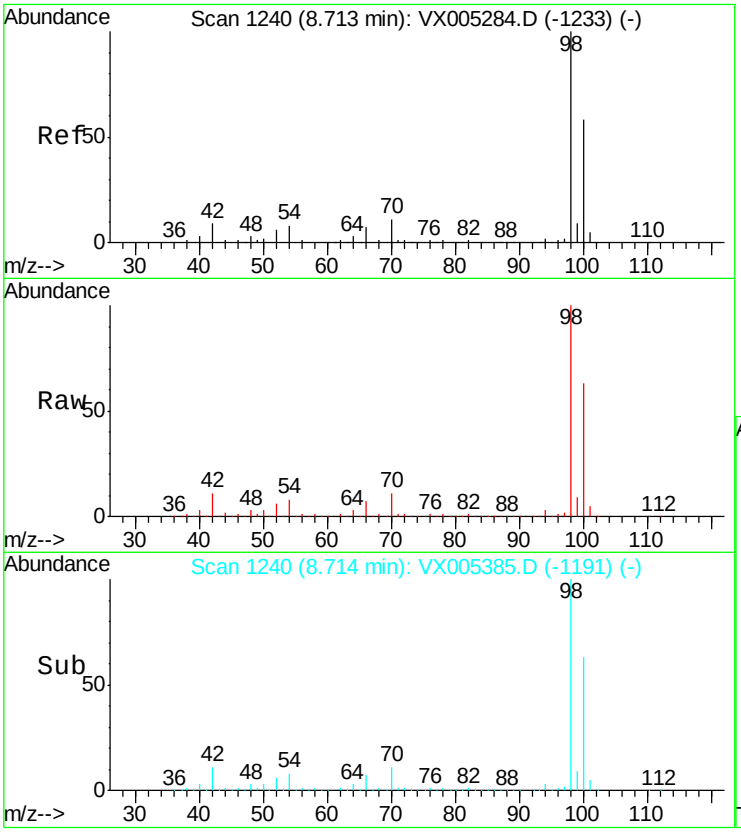


#49
1,4-Dioxane
Concen: 0.26 ug/l
RT: 7.77 min Scan# 1085
Delta R.T. 0.01 min
Lab File: VX005385.D
Acq: 17 Oct 2018 11:18

Tgt Ion: 88 Resp: 20

Ion	Ratio	Lower	Upper
88	100		
43	125.0	24.7	37.1#
58	0.0	55.3	82.9#



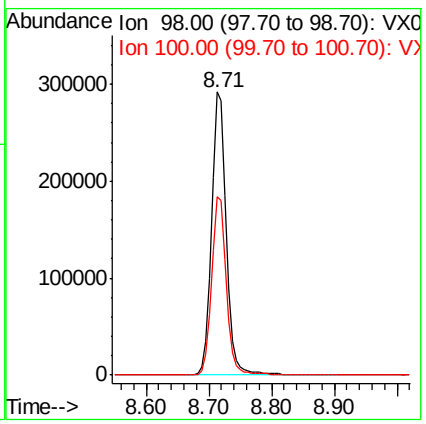


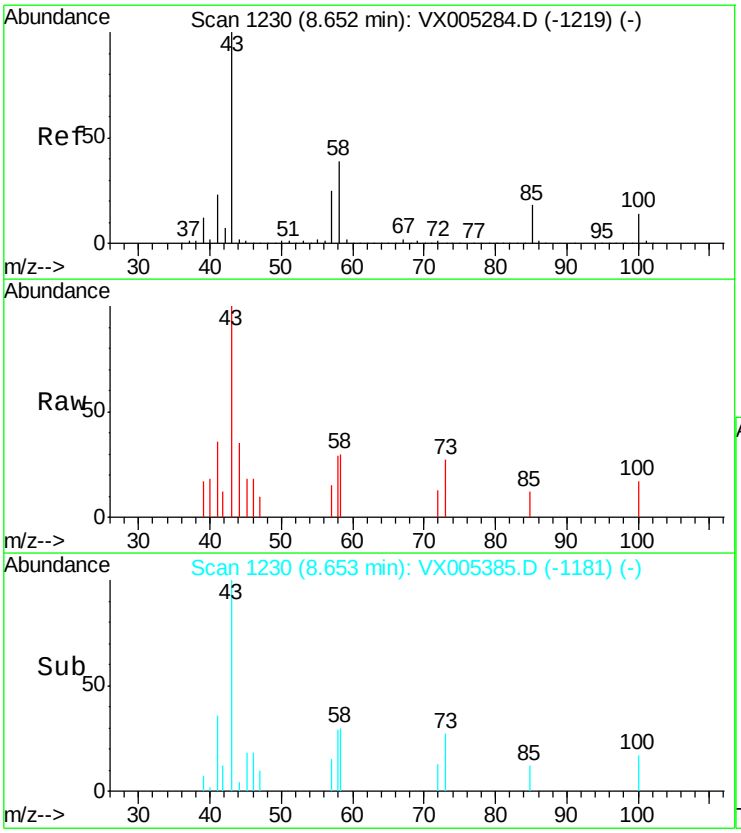
#50
Toluene-d8
Concen: 53.32 ug/l
RT: 8.71 min Scan# 1240
Delta R.T. 0.00 min
Lab File: VX005385.D
Acq: 17 Oct 2018 11:18

Instrument :
MSVOA_X
ClientSampleId :
TKDSLUDGE

Tgt Ion: 98 Resp: 472466

Ion	Ratio	Lower	Upper
98	100		
100	63.3	52.9	79.3

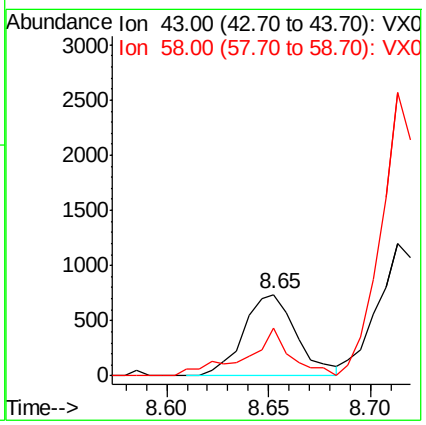


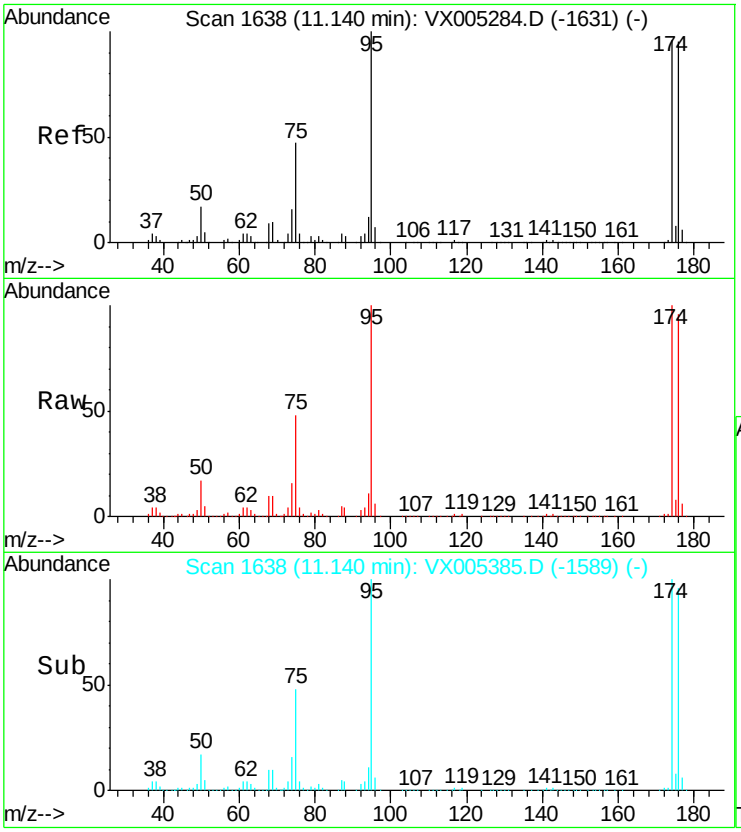


#51
4-Methyl-2-Pentanone
Concen: 0.30 ug/l
RT: 8.65 min Scan# 1230
Delta R.T. 0.00 min
Lab File: VX005385.D
Acq: 17 Oct 2018 11:18

Tgt Ion: 43 Resp: 1333

Ion	Ratio	Lower	Upper
43	100		
58	49.4	33.1	49.7



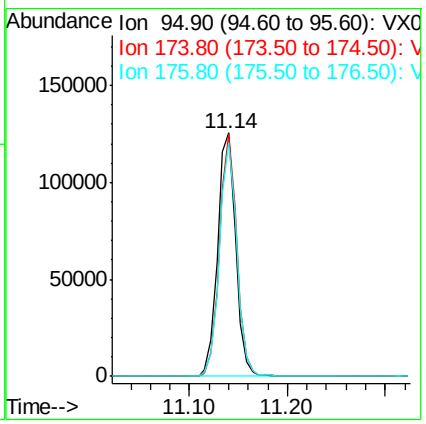


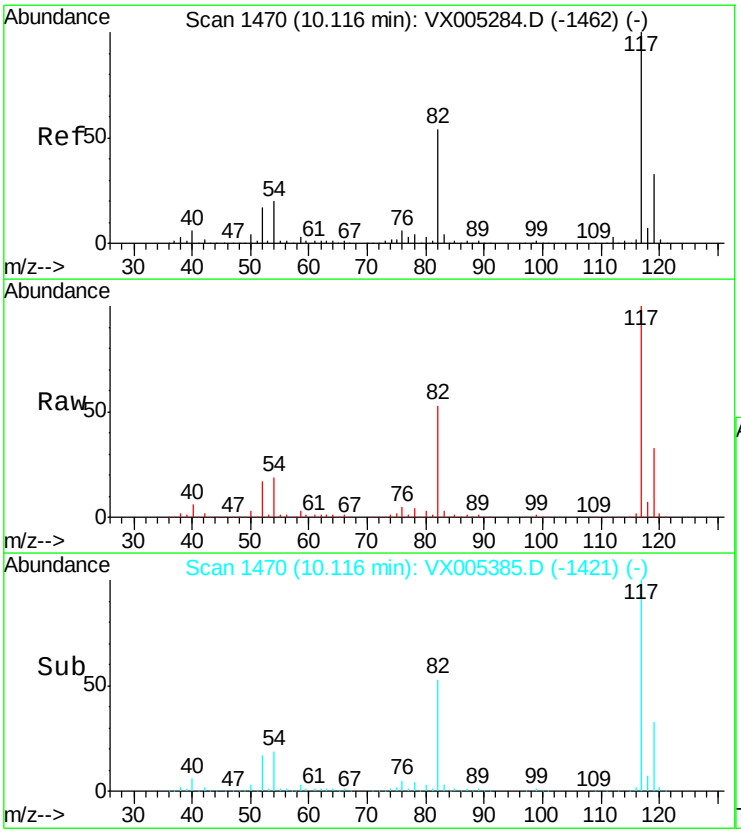
#62
4-Bromofluorobenzene
Concen: 48.35 ug/l
RT: 11.14 min Scan# 1638
Delta R.T. 0.00 min
Lab File: VX005385.D
Acq: 17 Oct 2018 11:18

Instrument :
MSVOA_X
ClientSampleId :
TKDSLUDGE

Tgt Ion: 95 Resp: 160940

Ion	Ratio	Lower	Upper
95	100		
174	95.5	0.0	185.2
176	92.5	0.0	178.6

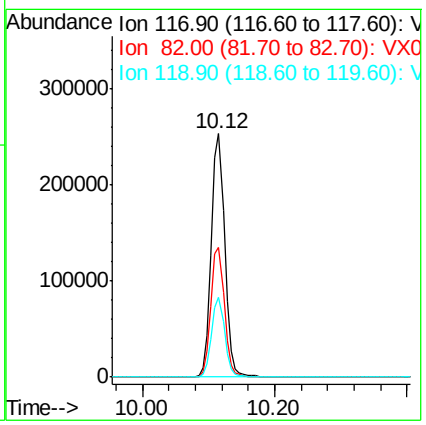


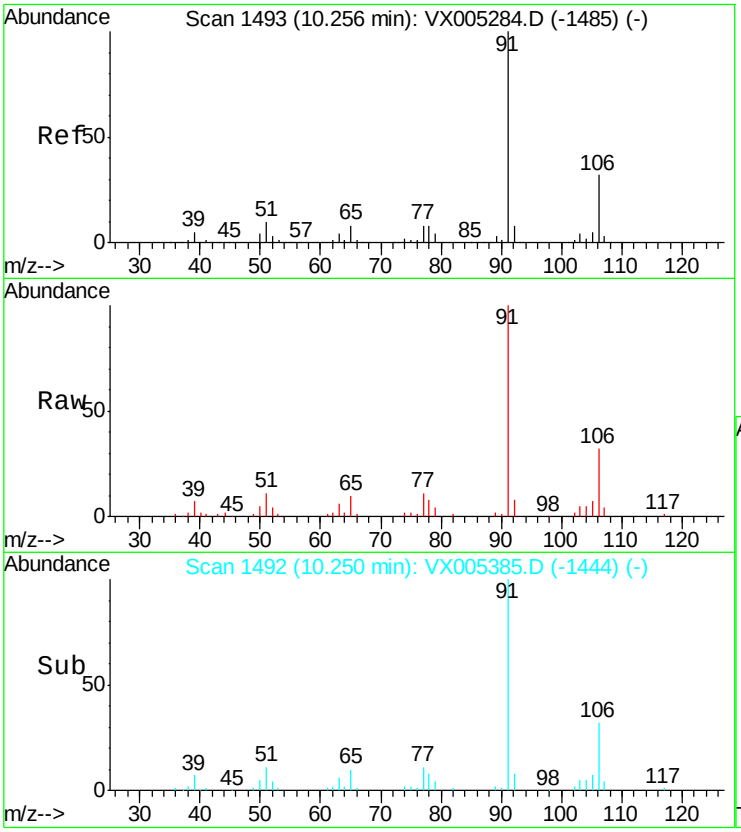


#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 10.12 min Scan# 1470
Delta R.T. 0.00 min
Lab File: VX005385.D
Acq: 17 Oct 2018 11:18

Tgt Ion:117 Resp: 353768

Ion	Ratio	Lower	Upper
117	100		
82	53.1	47.8	71.6
119	32.7	29.3	43.9



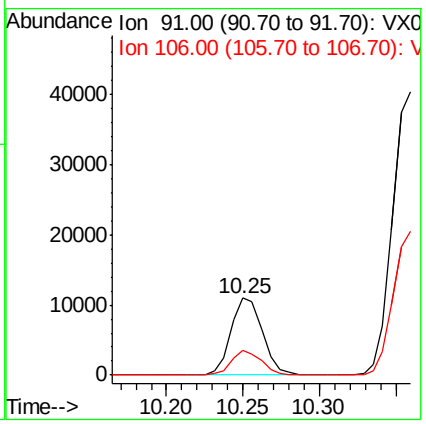


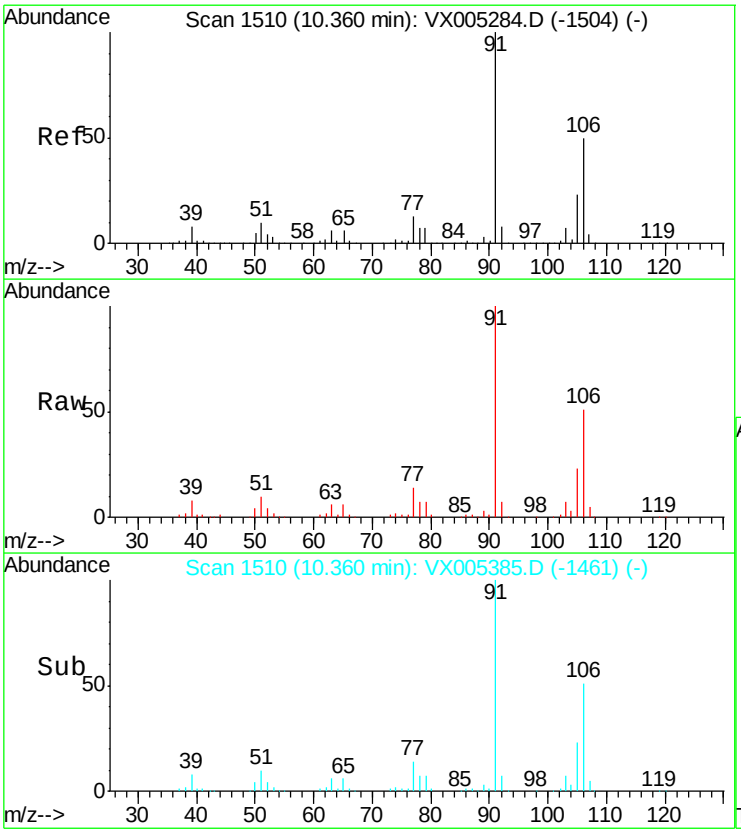
#67
Ethyl Benzene
Concen: 1.30 ug/l
RT: 10.25 min Scan# 1492
Delta R.T. -0.01 min
Lab File: VX005385.D
Acq: 17 Oct 2018 11:18

Instrument :
MSVOA_X
ClientSampleId :
TKDSLUDGE

Tgt Ion: 91 Resp: 15923

Ion	Ratio	Lower	Upper
91	100		
106	31.9	25.9	38.9

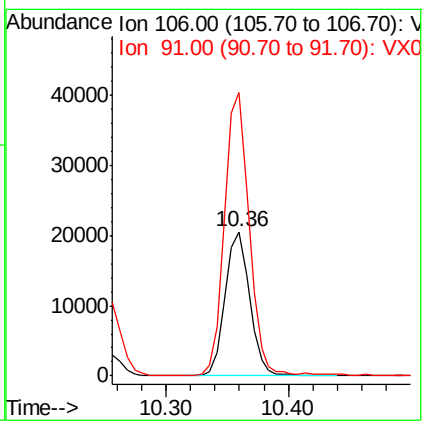


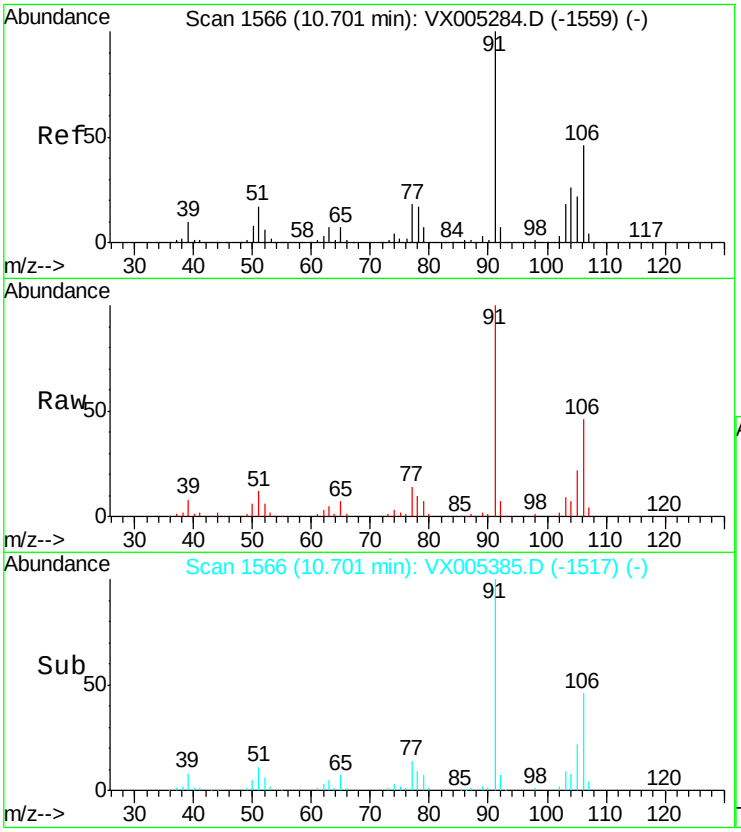


#68
m/p-Xylenes
Concen: 6.02 ug/l
RT: 10.36 min Scan# 1510
Delta R.T. 0.00 min
Lab File: VX005385.D
Acq: 17 Oct 2018 11:18

Tgt Ion:106 Resp: 28590

Ion	Ratio	Lower	Upper
106	100		
91	198.7	157.1	235.7



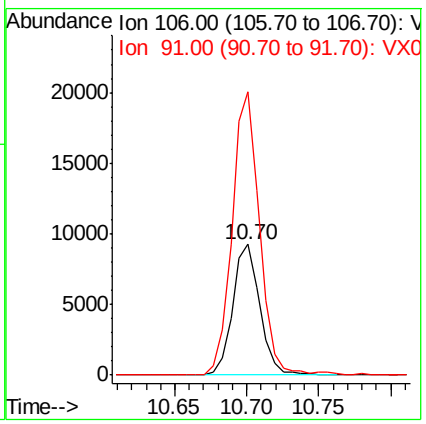


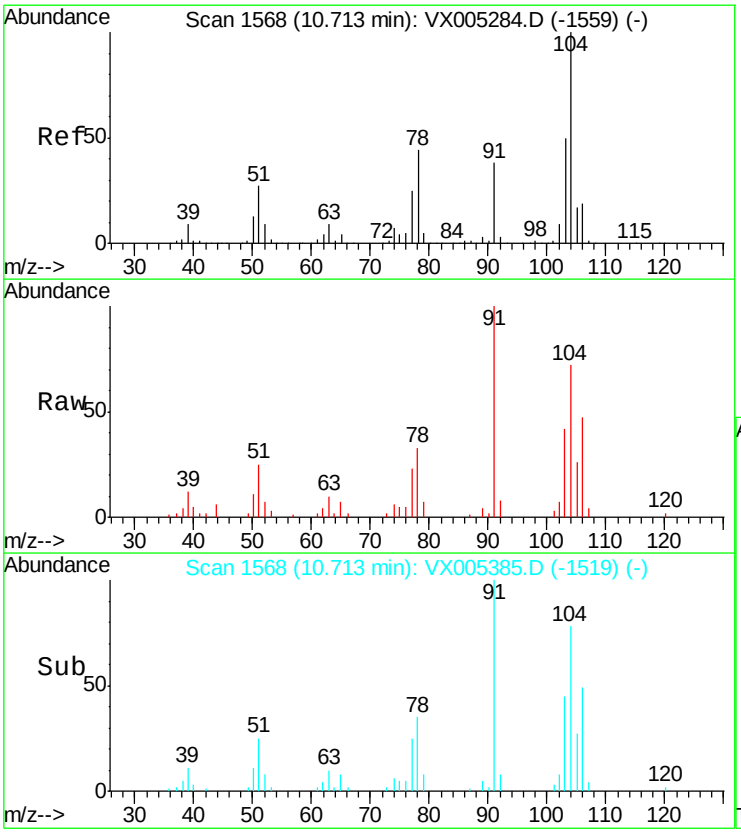
#69
o-Xylene
Concen: 2.67 ug/l
RT: 10.70 min Scan# 1566
Delta R.T. 0.00 min
Lab File: VX005385.D
Acq: 17 Oct 2018 11:18

Instrument :
MSVOA_X
ClientSampleId :
TKDSLUDGE

Tgt Ion:106 Resp: 12237

Ion	Ratio	Lower	Upper
106	100		
91	218.5	105.1	315.1

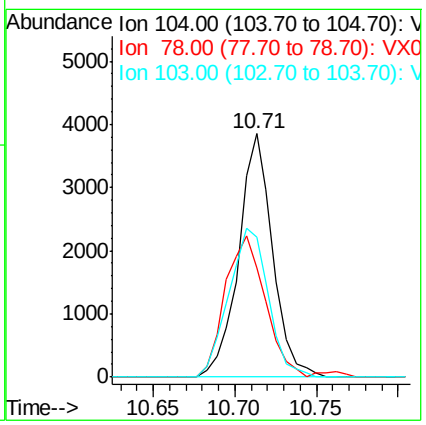


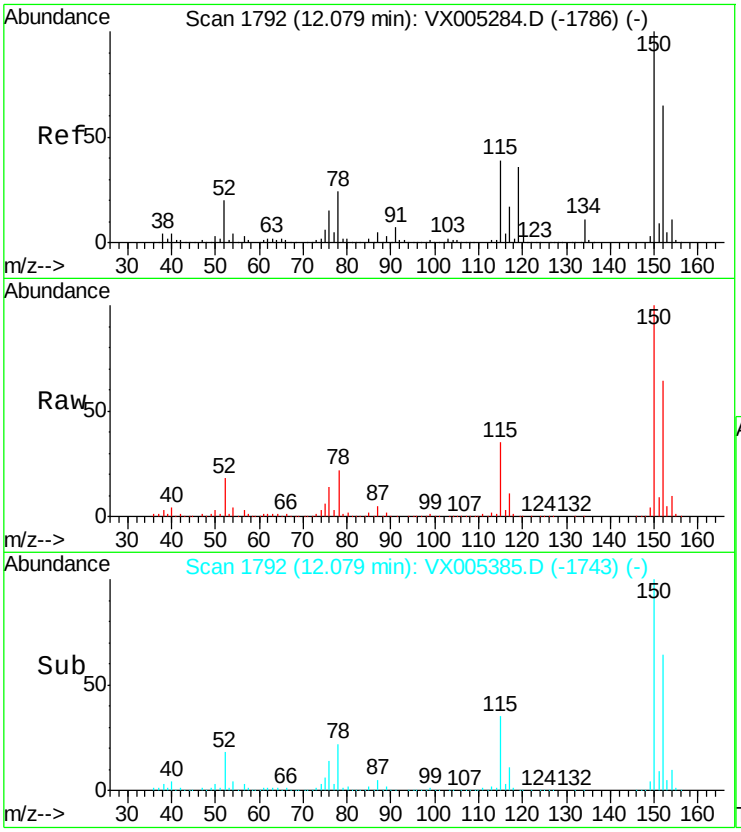


#70
Styrene
Concen: 0.74 ug/l
RT: 10.71 min Scan# 1568
Delta R.T. 0.00 min
Lab File: VX005385.D
Acq: 17 Oct 2018 11:18

Tgt Ion:104 Resp: 5585

Ion	Ratio	Lower	Upper
104	100		
78	68.3	37.4	56.0#
103	71.2	43.8	65.6#



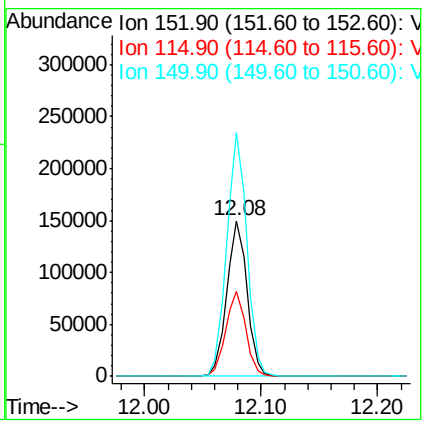


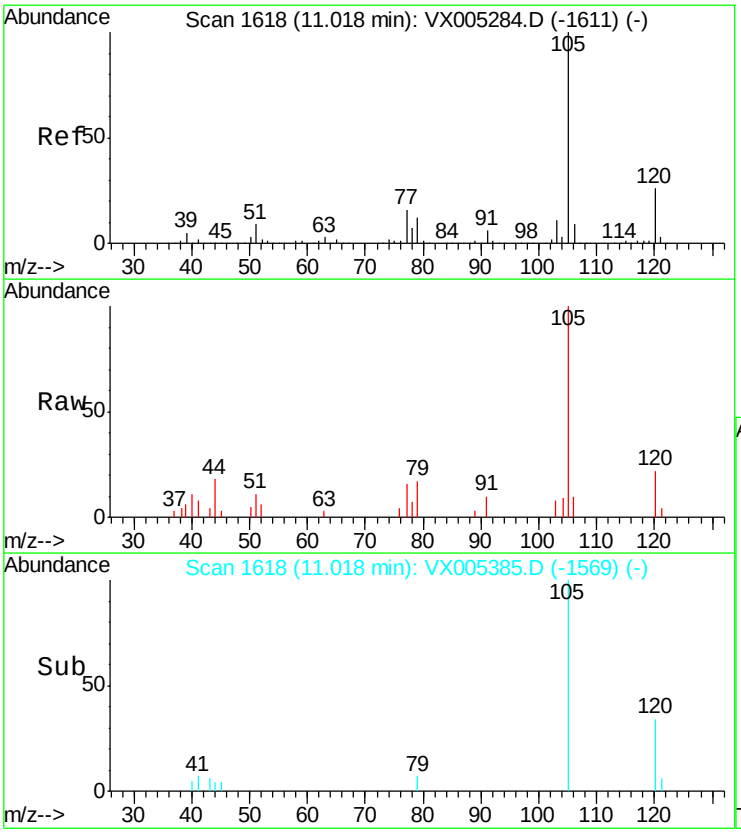
#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 12.08 min Scan# 1792
Delta R.T. 0.00 min
Lab File: VX005385.D
Acq: 17 Oct 2018 11:18

Instrument :
MSVOA_X
ClientSampleId :
TKDSLUDGE

Tgt Ion:152 Resp: 180698

Ion	Ratio	Lower	Upper
152	100		
115	54.3	39.0	117.0
150	155.8	0.0	351.0

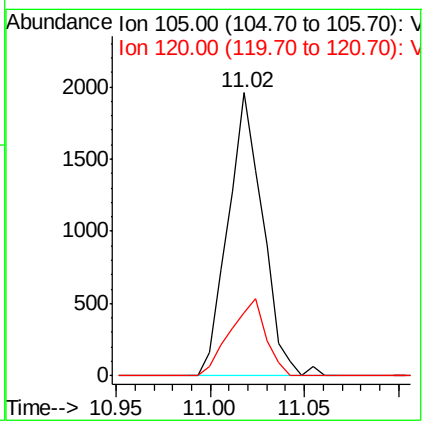


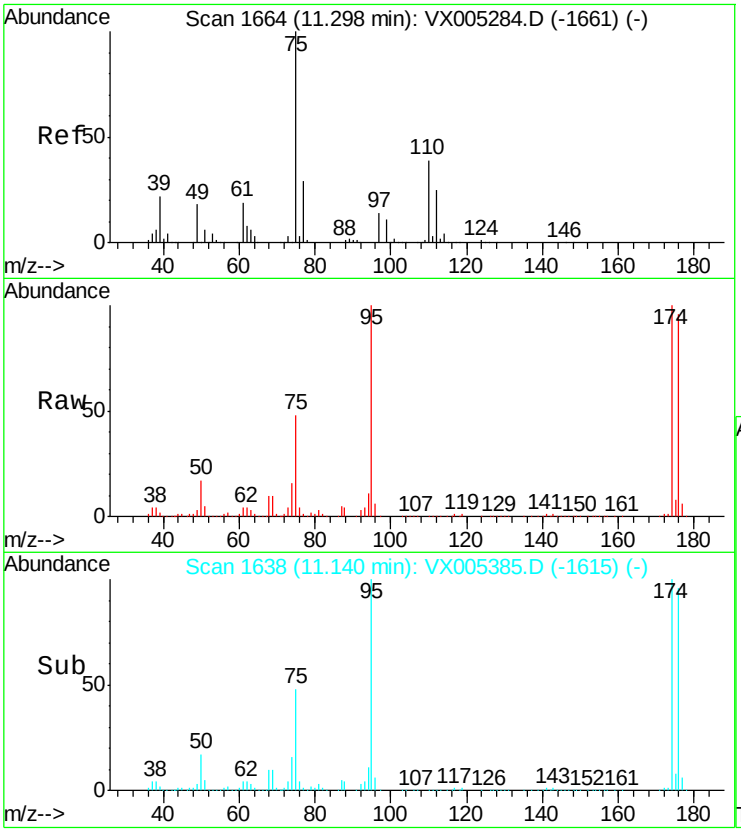


#73
Isopropylbenzene
Concen: 0.23 ug/l
RT: 11.02 min Scan# 1618
Delta R.T. 0.00 min
Lab File: VX005385.D
Acq: 17 Oct 2018 11:18

Tgt Ion:105 Resp: 2510

Ion	Ratio	Lower	Upper
105	100		
120	27.8	13.5	40.4



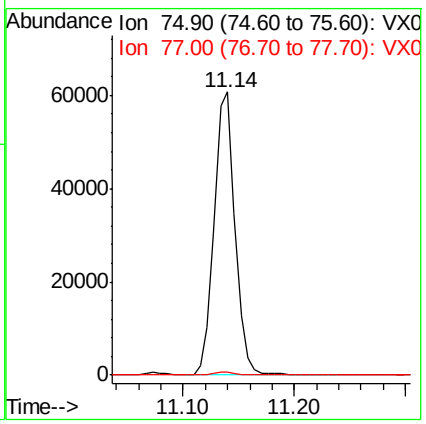


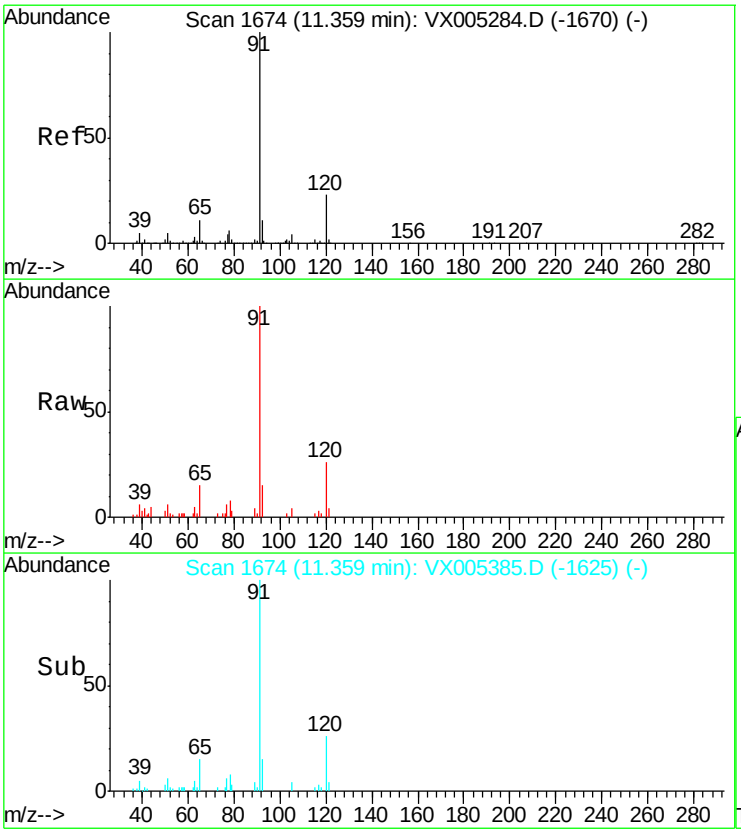
#76
1,2,3-Trichloropropane
Concen: 22.49 ug/l
RT: 11.14 min Scan# 1638
Delta R.T. -0.16 min
Lab File: VX005385.D
Acq: 17 Oct 2018 11:18

Instrument :
MSVOA_X
ClientSampleId :
TKDSLUDGE

Tgt Ion: 75 Resp: 78843

Ion	Ratio	Lower	Upper
75	100		
77	1.3	20.2	60.6#

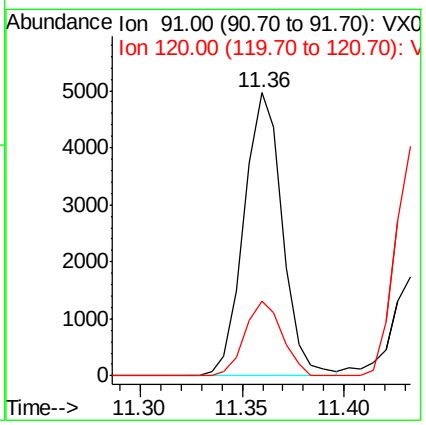


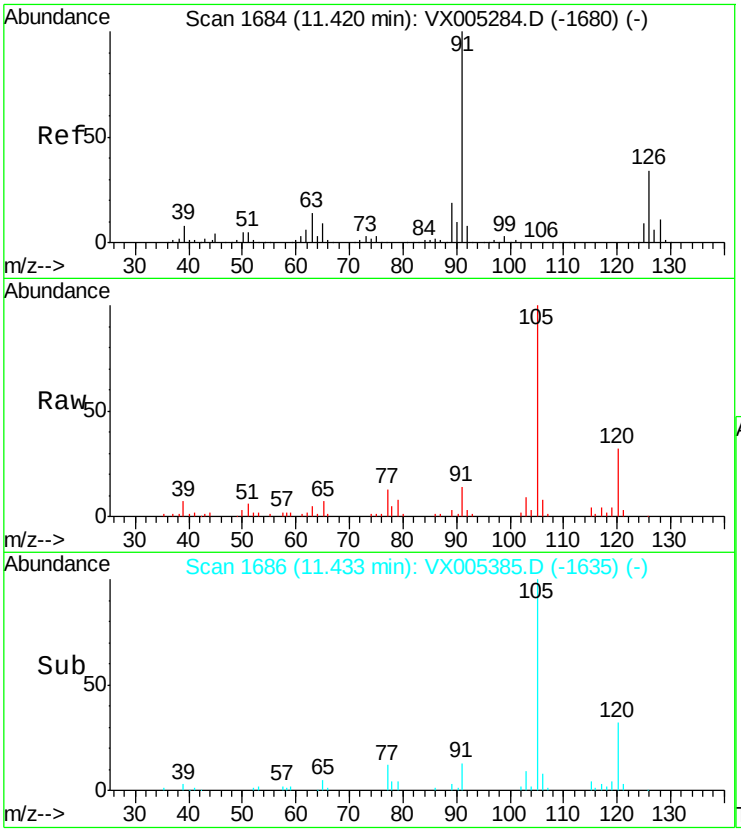


#78
n-propylbenzene
Concen: 0.53 ug/l
RT: 11.36 min Scan# 1674
Delta R.T. 0.00 min
Lab File: VX005385.D
Acq: 17 Oct 2018 11:18

Tgt Ion: 91 Resp: 6522

Ion	Ratio	Lower	Upper
91	100		
120	25.3	11.9	35.9



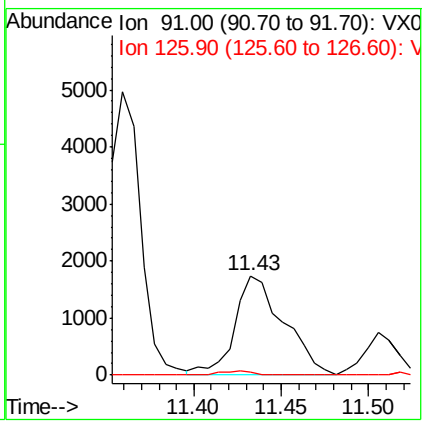


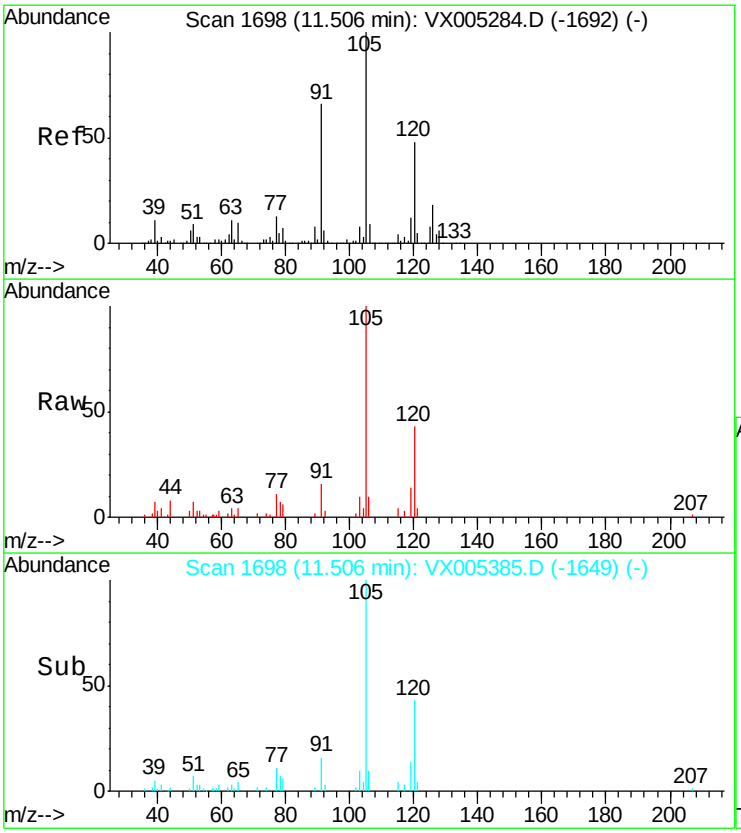
#79
2-Chlorotoluene
Concen: 0.45 ug/l
RT: 11.43 min Scan# 1686
Delta R.T. 0.01 min
Lab File: VX005385.D
Acq: 17 Oct 2018 11:18

Instrument : MSVOA_X
ClientSampleId : TKDSLUDGE

Tgt Ion: 91 Resp: 3401

Ion	Ratio	Lower	Upper
91	100		
126	2.8	17.9	53.7#

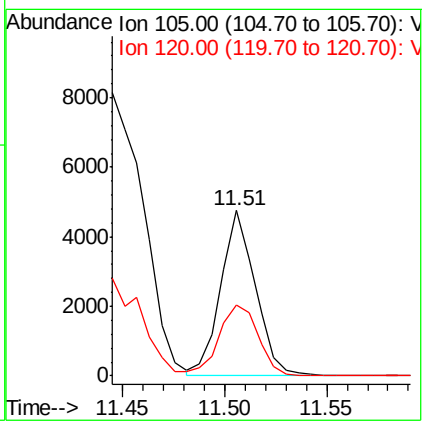


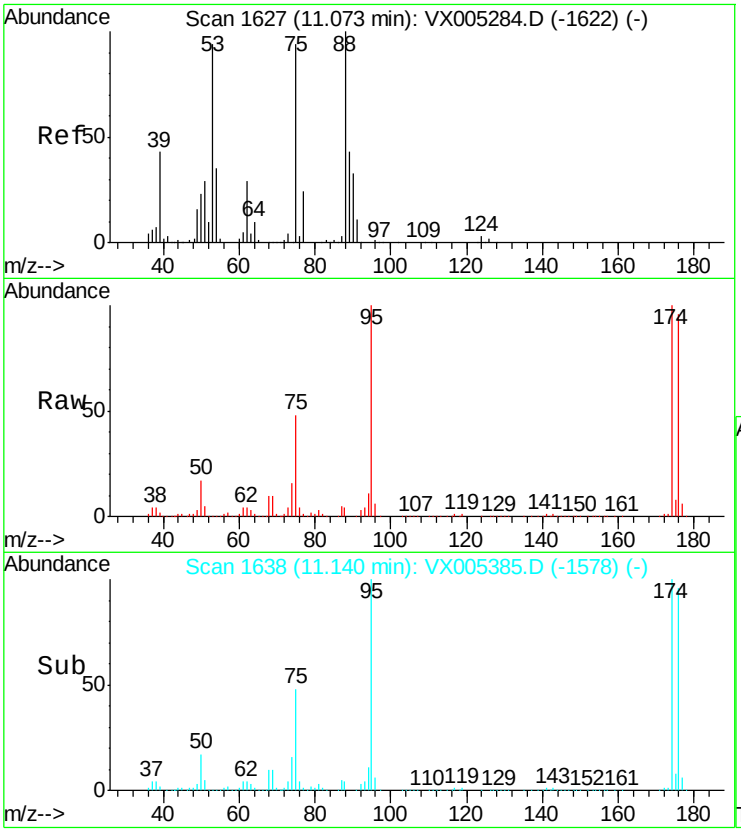


#80
1,3,5-Trimethylbenzene
Concen: 0.61 ug/l
RT: 11.51 min Scan# 1698
Delta R.T. 0.00 min
Lab File: VX005385.D
Acq: 17 Oct 2018 11:18

Tgt Ion:105 Resp: 5610

Ion	Ratio	Lower	Upper
105	100		
120	48.6	25.6	76.8



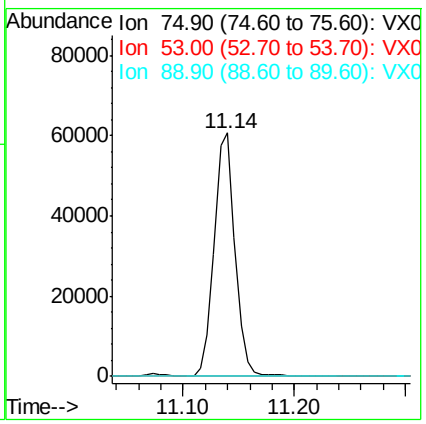


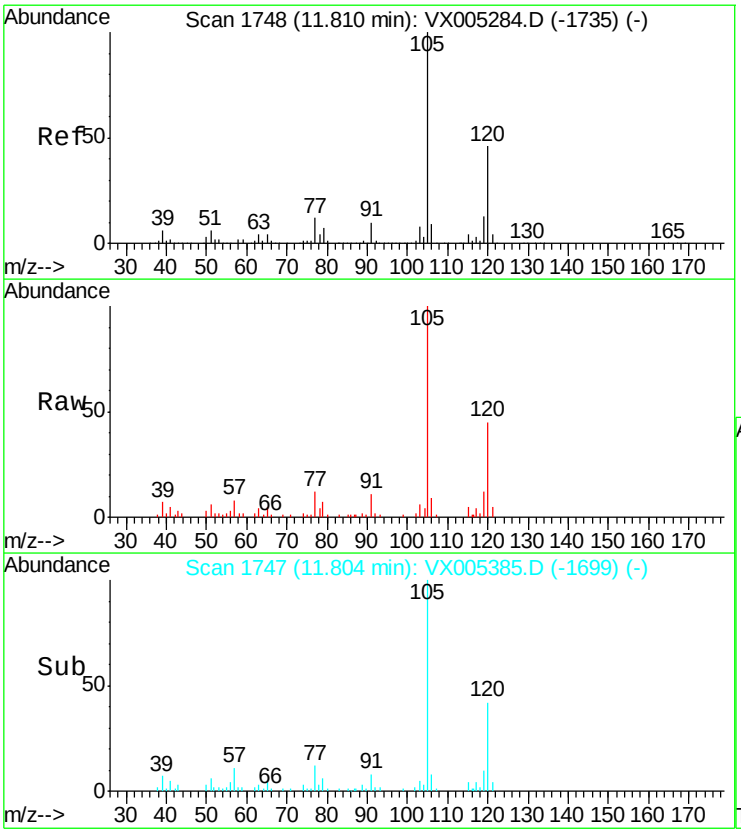
#81
trans-1,4-Dichloro-2-butene
Concen: 68.35 ug/l
RT: 11.14 min Scan# 1638
Delta R.T. 0.07 min
Lab File: VX005385.D
Acq: 17 Oct 2018 11:18

Instrument :
MSVOA_X
ClientSampleId :
TKDSLUDGE

Tgt Ion: 75 Resp: 78843

Ion	Ratio	Lower	Upper
75	100		
53	0.2	80.1	120.1#
89	0.0	37.2	55.8#

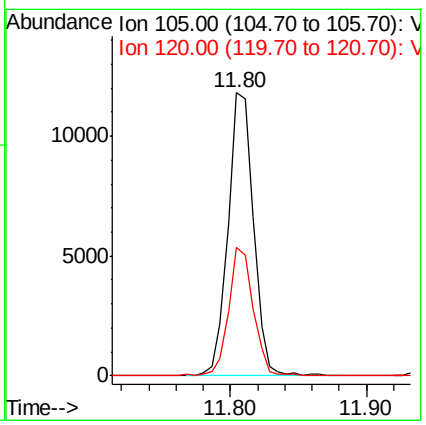


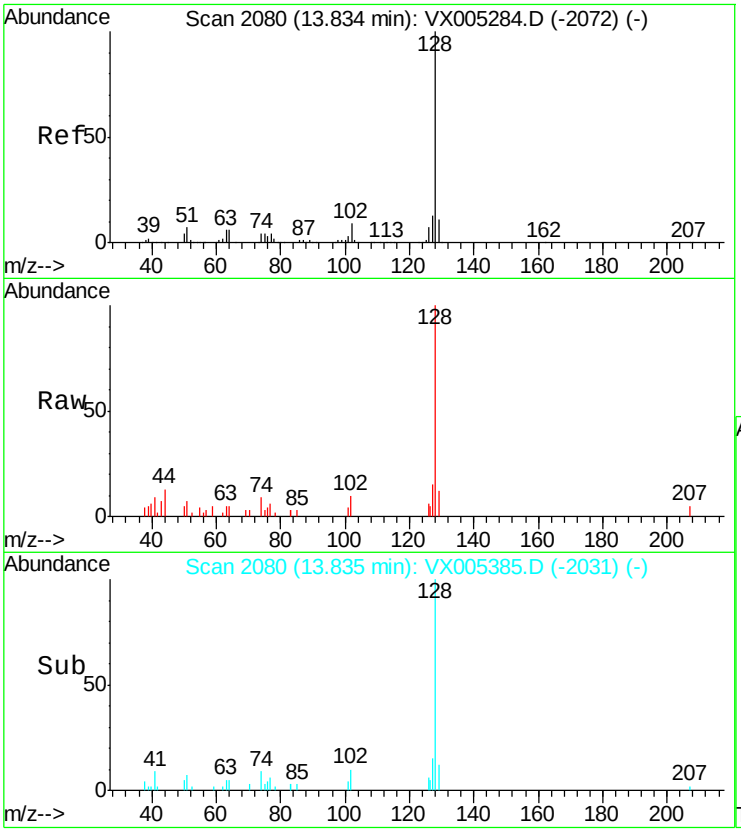


#84
1,2,4-Trimethylbenzene
Concen: 1.62 ug/l
RT: 11.80 min Scan# 1747
Delta R.T. -0.01 min
Lab File: VX005385.D
Acq: 17 Oct 2018 11:18

Tgt Ion:105 Resp: 15343

Ion	Ratio	Lower	Upper
105	100		
120	44.2	23.2	69.6





#95
Naphthalene
Concen: 0.26 ug/l
RT: 13.83 min Scan# 2080
Delta R.T. 0.00 min
Lab File: VX005385.D
Acq: 17 Oct 2018 11:18

Instrument :
MSVOA_X
ClientSampleId :
TKDSLUDGE

Tgt Ion:128 Resp: 3260

Ion	Ratio	Lower	Upper
128	100		
127	13.9	10.2	15.2
129	12.5	8.6	12.8